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USAFETAC

Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

MOODY AFB GEORGIA/VALDOSTA
N 30 58 W 083 12 FLD ELEV 233 FT VAD WBA# 13857
WMO#

PARTS A-F

POR: FROM HOURLY OBS APR 42-FEB 46, APR-JUN 46 JUL 51-FEB 76
POR: FROM DAILY OBS APR 42-FEB 46, APR-JUN 46 JUL 51-FEB 76

APR 26 1976

FEDERAL BUILDING
ASHEVILLE, N. C.

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Moody AFB, Valdosta, Georgia It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

19. Percentge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Georgia

* Moody AFB GA

20. and dew-point temperatures and relative humidity), and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY	APRIL	JULY	OCTOBER
FEBRUARY	MAY	AUGUST	NOVEMBER
MARCH	JUNE	SEPTEMBER	DECEMBER

THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISCARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

STATION NO. ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		FIELD ELEV (FT)		CALL SIGN		WFO NUMBER	
1 1857		MOODY AFB/VALDOSTA GEORGIA		N 30 58		W 083 12		233		KVAD			

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Moody Field	AAF	Apr 42	Nov 43	N 30 58	W 083 12	N/A	240 Ft	24
2	Same	Same	Dec 43	10 Jul51	N 30 58	Same	237	Same	24
3	Moody Air Force Base	AFB	11 Jul51	17 Mar53	Same	Same	231	Same	24
4	Same	Same	18 Mar53	Nov 60	Same	Same	243	Same	24
5	Same	Same	Dec 60	Aug 63	Same	Same	Same	Same	14-18
6	Same	Same	Sep 63	Nov 63	Same	Same	Same	Same	24
7	Same	Same	Dec. 63	Jan 75	Same	Same	Same	Same	14-18
8	Same	Same	Feb 75	Feb 76	Same	Same	233	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Apr 42	Located NW section of post operation bldg.	Anemometer	N/A	12 Ft	
2	Jun 42	Same	Same	Same	35 Ft	
3	Aug 42	Same	Same	Same	49 Ft	
4	18 Mar53	Located on the N corner of base operations bldg.	Selsyn	Same	37 Ft	
5	11 Jun54	Located on roof of the station	Same	RO-2	40 Ft	
6	6 Apr 60	Located at the midway point between the active runway	AN/GMQ-11	Same	13 Ft	
7	Feb 76	Same	Same	Same	Same	

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13857
STATION

MUDDY AFB GEORGIA/VALDDSTA
STATION NAME

42-46,51-76

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.2	8.6	.0	.1		8.6	15.1	13.1		.0	25.6	16623
FEB		.4	9.1		.1		9.2	12.8	12.5		.3	23.5	15340
MAR		.8	7.0		.1	.0	7.0	10.9	9.0		.4	18.5	15568
APR		1.2	4.7				4.7	8.0	6.2		.2	13.4	16624
MAY		1.6	4.1				4.1	8.3	6.1		.2	13.1	17173
JUN		2.4	5.3			.0	5.3	7.5	5.6		.1	11.8	16361
JUL		3.3	6.1			.0	6.1	8.2	4.5		.0	11.6	17192
AUG		2.7	4.9				4.9	10.4	5.9		.0	14.3	17230
SEP		1.1	6.7			.0	6.7	12.5	6.6		.1	17.3	16845
OCT		.2	4.0				4.0	11.3	7.1		.1	16.8	17746
NOV		.1	4.9				4.9	12.8	10.1		.0	20.8	16758
DEC		.2	7.9		.0		7.9	15.3	11.9			24.9	15550
TOTALS		1.2	6.1	.0	.0	.0	6.1	11.1	5.2		.1	17.6	199010

WEATHER CONDITIONS

JAN
MONTH

YEARS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBS TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.3	8.1				8.1	15.7	17.9			31.6	1337
	03-05	.2	10.1				10.1	25.5	14.7			36.3	1742
	06-08	.1	10.8				10.8	32.9	18.6			44.1	2333
	09-11	.0	9.3		.2		9.4	20.9	15.4			32.8	2454
	12-14	.2	9.0		.2		9.0	7.1	6.6			13.0	2541
	15-17	.2	7.2		.1		7.2	5.1	4.2		.1	8.9	2504
	18-20	.1	6.9	.0	.0		7.0	5.2	10.5			14.7	2143
	21-23	.1	7.5				7.5	8.2	16.5			23.5	1569
TOTALS		.2	8.6	.0	.1		8.6	15.1	13.1		.0	25.6	16623

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13857 STATION MOODY AFB GEORGIA/VALDOOSTA 43-46,52-76 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBS TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.2	7.8		.2		8.0	12.5	17.6		.5	28.3	1260
	03-05	.4	11.1		.1		11.1	20.8	17.5		.2	35.8	1627
	06-08	.4	11.6		.0		11.6	30.9	18.8		.1	43.2	2124
	09-11	.4	10.2		.2		10.4	16.3	13.5		.1	27.0	2248
	12-14	.6	8.4		.1		8.5	6.3	5.4		.3	11.4	2337
	15-17	.5	8.1		.2		8.2	4.4	4.6		.7	9.0	2301
	18-20	.2	7.7				7.7	4.7	9.2		.3	13.7	1975
	21-23	.5	7.7		.1		7.8	6.7	13.7		.3	19.7	1468
TOTALS		.4	9.1		.1		9.2	12.8	12.5		.3	23.5	15340

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13857 STATION MOODY AFB GEORGIA/VALDOOSTA 43-45, 52-75 YEARS MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.3	6.2				6.2	11.4	14.6		.2	25.2	1179
	03-05	.9	7.5		.1		7.5	20.4	13.1		.2	30.7	1608
	06-08	.8	8.7		.1		8.8	27.0	14.9		.5	36.3	2172
	09-11	.7	8.3		.2		8.3	11.7	8.2		.3	18.7	2305
	12-14	1.0	6.7		.2	.0	6.8	4.7	4.1		.2	8.2	2414
	15-17	.9	6.5		.0		6.5	4.3	3.2		1.1	7.7	2368
	18-20	.8	5.6				5.6	3.4	4.6		.4	8.0	2038
	21-23	.7	6.6				5.6	4.2	9.2		.3	13.1	1484
TOTALS		.8	7.0		.1	.0	7.0	10.9	9.0		.4	18.5	15568

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER COND. CNS

13857 STATION MOODY AFB GEORGIA/VALDOSTA 42-46,52-75 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.4	4.5				4.5	7.2	9.1		.2	16.0	1353
	03-05	.5	3.7				3.7	18.0	9.4		.1	25.8	1765
	06-08	1.1	4.6				4.6	25.9	13.7		.1	35.6	2277
	09-11	1.5	4.1				4.1	4.4	5.7		.0	9.3	2412
	12-14	1.8	5.0				5.0	1.7	2.1		.5	4.1	2507
	15-17	1.8	5.6				5.6	1.7	1.5		.4	3.5	2474
	18-20	1.5	5.7				5.7	2.0	3.6		.2	5.8	2168
	21-23	.7	4.4				4.4	2.8	4.4		.4	7.3	1668
TOTALS		1.2	4.7				4.7	8.0	6.2		.2	13.4	16624

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-46,52-75

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBS TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.5	2.0				2.0	5.1	6.5			11.1	1405
	03-05	.6	2.3				2.3	23.8	8.0		.1	28.4	1952
	06-08	.5	3.5				3.5	30.2	15.5		.3	39.0	2353
	09-11	.5	3.6				3.6	3.3	5.9		.2	8.7	2504
	12-14	2.2	5.6				5.6	.8	2.0		.3	3.1	2574
	15-17	3.8	6.7				6.7	.5	2.1		.2	2.9	2529
	18-20	3.9	5.1				5.1	.7	3.7		.2	4.6	2173
	21-23	1.1	3.7				3.7	1.7	5.2		.2	6.8	1683
TOTALS		1.6	4.1				4.1	8.3	6.1		.2	13.1	17173

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13857 STATION

MODDY AFB GEORGIA/VALDDSTA

42-46, 52-75

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.8	3.0				3.0	3.1	4.2			7.1	1321
	03-05	.4	3.6				3.6	21.4	8.8		.1	27.0	1874
	06-08	.0	3.3				3.3	29.2	15.2			37.5	2254
	09-11	.7	4.2				4.2	3.6	5.7			8.5	2399
	12-14	3.1	5.5				5.5	.8	3.2			3.9	2461
	15-17	6.7	9.6			.0	9.6	.3	2.5		.2	2.9	2391
	18-20	5.9	9.3				9.3	.6	2.8		.2	3.6	2066
	21-23	1.5	4.2				4.2	1.0	2.5			3.5	1595
TOTALS		2.4	5.3			.0	5.3	7.5	5.6		.1	11.8	16361

DATA PROCESSING BRANCH
USAF ETAC
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WEATHER CONDITIONS

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45,51-75

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBS TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.8	3.1				3.1	5.9	1.6			7.4	1424
	03-05	.4	2.1				2.1	21.3	3.9			23.5	1975
	06-08	.4	2.5				2.5	30.6	12.0			37.3	2340
	09-11	.6	3.3				3.3	2.6	6.2			8.2	2483
	12-14	4.4	7.2				7.2	.4	2.7			3.1	2543
	15-17	8.5	12.3				12.3	.5	2.6		.1	3.1	2477
	18-20	8.5	11.6			.0	11.6	1.4	3.5		.1	4.7	2180
	21-23	2.5	6.7				6.7	2.5	3.6		.1	5.6	1770
TOTALS		3.3	6.1			.0	6.1	8.2	4.5		.0	11.6	17192

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-45,51-75

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.1	1.6				1.6	7.2	3.6			10.1	1409
	03-05	.1	1.1				1.1	23.5	7.7		.1	27.2	1988
	06-08	.2	2.2				2.2	41.7	14.3			47.2	2371
	09-11	.4	2.9				2.9	5.0	7.9			11.5	2486
	12-14	3.8	6.1				6.1	.6	3.8		.0	4.4	2550
	15-17	8.7	11.6				11.6	1.0	3.2		.1	4.2	2488
	18-20	6.5	9.2				9.2	1.8	3.3		.1	5.0	2191
	21-23	1.7	4.8				4.8	2.3	3.3			5.1	1747
TOTALS		2.7	4.9				4.9	10.4	5.9		.0	14.3	17230

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13857 STATION MOODY AFB GEORGIA/VALDDSTA 42-45,51-75 YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.1	4.0				4.0	7.1	4.5			11.0	1414
	03-05	.4	4.6				4.6	28.5	8.7			33.0	1922
	06-08	.3	6.1			.0	6.1	46.8	15.1			53.2	2299
	09-11	.1	5.3				5.3	7.1	9.3		.0	15.3	2437
	12-14	1.3	7.6				7.6	2.2	3.1		.1	5.4	2509
	15-17	2.9	9.8				9.8	1.7	2.9		.2	4.7	2445
	18-20	2.2	9.2				9.2	2.6	4.5		.0	6.9	2145
	21-23	1.2	7.2				7.2	3.9	5.0		.1	8.7	1674
TOTALS		1.1	6.7			.0	6.7	12.5	6.6		.1	17.3	16845

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13857 STATION

MOODY AFB GEORGIA/VALOOSTA

42-45,51-75

YEARS

OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02		3.8				3.8	9.3	7.6		.2	16.4	1514
	03-05		3.9				3.9	21.6	8.2		.1	27.5	2019
	06-08	.0	4.5				4.5	38.3	16.8			46.9	2415
	09-11	.0	3.5				3.5	8.9	10.1		.1	17.1	2542
	12-14	.4	3.8				3.8	2.3	2.3		.2	4.6	2618
	15-17	.6	4.6				4.6	2.2	2.0		.0	4.1	2580
	18-20	.5	4.8				4.8	3.2	4.5		.0	7.6	2304
	21-23	.1	3.1				3.1	4.7	5.5		.1	10.0	1754
TOTALS		.2	4.0				4.0	11.3	7.1		.1	16.8	17746

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-45,51-75

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		4.8				4.8	12.7	13.2		.2	24.5	1472
	03-05	.1	4.5				4.5	25.3	13.9			35.3	1750
	06-08	.3	4.6				4.6	35.1	17.1			45.1	2270
	09-11	.2	5.6				5.6	12.8	11.6			22.2	2413
	12-14	.2	5.3				5.3	4.0	3.6		.1	7.1	2496
	15-17	.1	4.5				4.5	3.0	3.0			5.6	2469
	18-20	.1	4.6				4.6	3.5	7.3			10.4	2189
	21-23	.1	5.4				5.4	5.8	11.3			16.4	1699
TOTALS		.1	4.9				4.9	12.8	10.1		.0	20.8	16758

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-45,51-75

YEARS

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBS TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.1	6.5				6.5	17.5	15.2			31.0	1305
	03-05		8.0				8.0	22.4	13.3			32.5	1591
	06-08	.2	9.3		.1		9.3	31.2	17.3			40.9	2105
	09-11	.5	8.6				8.6	18.6	12.8			28.7	2371
	12-14	.5	8.5				8.5	7.2	5.0			11.9	2471
	15-17	.4	7.8		.0		7.9	5.7	5.6			10.6	2377
	18-20	.2	7.2		.1		7.3	6.8	11.0			17.2	1898
	21-23		7.0				7.0	12.8	14.7			26.7	1432
TOTALS		.2	7.9		.0		7.9	15.3	11.9			24.9	15550

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $\frac{5}{8}$ mile.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

XXWEATHER CONDITIONSX
XXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

46

51-76

YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	2.5	34.7	.1	.9		34.6	48.0	33.5			58.9	764
FEB		6.1	37.9		1.0		38.0	45.3	31.7			55.7	706
MAR		7.8	33.4		.6		33.4	39.6	24.9			47.8	722
APR		11.4	27.3			.4	26.5	38.9	22.0		.3	45.3	727
MAY		20.0	31.7			.3	31.8	44.4	23.1			49.1	741
JUN		27.7	41.1			.3	40.6	48.3	29.1		.1	54.9	712
JUL		39.2	52.4			.3	52.4	46.4	23.6			51.1	742
AUG		33.4	46.7			.3	45.8	57.6	32.2		.1	62.2	760
SEP		14.2	37.3			.1	37.3	61.2	35.1			67.1	724
OCT		4.6	24.4				24.4	48.9	30.4			55.5	757
NOV		1.9	26.7			.1	26.7	47.4	27.0			53.9	718
DEC		3.4	30.0		.3		30.0	43.8	24.9			50.3	706
TOTALS		14.3	35.3	.0	.2	.1	35.2	47.5	28.1		.0	54.3	8779

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	" .00" equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	" .0" equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	" 0" equals none for the month (whole inches)
3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

NOTES:

- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945 at 0800LST
Jan 46-May 47 at 1230GMT
Jun 57-present at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52 at 0030GMT
Jul 52-May 57 at 1230GMT
Jun 57-present at 1200GMT

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

13857 STATION MUDDY AFB GEORGIA/VALDOSTA 42-46, 51-76 YEARS

PRECIP. SNOWFALL SNOW- DEPTH	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-10	.11-25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
JAN	61.3	12.9	2.1	3.8	2.7	5.3	5.0	4.4	2.3					25.7	657	2.94	8.01	.00
FEB	59.1	11.9	1.7	3.3	3.0	5.4	5.6	5.8	3.0	.5				29.0	606	3.71	8.28	.00
MAR	61.1	10.1	.9	3.8	3.3	5.1	6.2	5.3	3.0	.8	.2			28.8	632	4.49	11.06	TRACE
APR	60.7	8.7	2.3	2.9	2.3	2.9	4.1	3.5	3.2	.9	.1			22.6	681	3.99	11.60	TRACE
MAY	61.3	11.8	1.7	5.1	2.7	3.9	3.9	5.6	3.2	.7				26.9	692	4.07	8.53	.00
JUN	53.5	15.3	1.7	5.6	2.9	6.6	5.3	5.6	2.9	.5	.2			31.2	647	4.07	11.68	.00
JUL	39.9	16.0	2.0	7.0	4.0	8.7	8.2	6.7	6.0	.9				44.1	682	6.42	11.20	.00
AUG	46.1	15.3	2.8	6.2	4.3	7.5	7.3	5.0	5.7	1.3				38.6	681	5.40	15.52	.00
SEP	52.3	16.4	2.4	7.4	3.6	6.4	4.2	3.2	3.3	.5	.2			31.4	660	3.36	8.41	.00
OCT	73.4	12.1	1.1	3.6	1.9	2.7	1.3	2.1	1.4	.3				14.4	700	1.67	5.17	TRACE
NOV	70.0	8.2	1.6	5.0	3.0	3.6	3.7	3.3	1.4					21.8	694	1.93	5.62	.00
DEC	69.4	10.2	2.0	4.0	2.6	5.0	3.5	3.5	3.2	.6				24.4	657	3.30	7.52	.00
ANNUAL	59.3	12.4	1.9	4.8	3.0	5.3	4.8	4.3	3.1	.6	.1			28.2	7989	45.41		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION 13857 MOODY AFB GEORGIA/VALDOSTA STATION NAME 46, 51-70 YEARS

AMOUNTS (INCHES)																	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP. SNOWFALL SNOW- DEPTH	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	PERCENT OF DAYS WITH MEASUR- ABLE AMTS	MEAN	GREATEST		LEAST		
JAN	99.1	.9													573	TRACE	TRACE	.0		
FEB	98.9	.8	.4	.2											.4	526	.1	1.2	.0	
MAR	99.3	.7														549	TRACE	TRACE	.0	
APR	100.0															565	.0	.0	.0	
MAY	100.0															578	.0	.0	.0	
JUN	100.0															547	.0	.0	.0	
JUL	100.0															571	.0	.0	.0	
AUG	100.0															578	.0	.0	.0	
SEP	100.0															558	.0	.0	.0	
OCT	100.0															578	.0	.0	.0	
NOV	100.0															583	.0	.0	.0	
DEC	99.6	.4														550	TRACE	TRACE	.0	
ANNUAL	99.7	.2	.6	.0	.0										.0	6756	.1			

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION
13057

STATION NAME
MUDDY AFB GEORGIA/VALDOSTA

42-46, 51-76

YEARS

	PRECIP.	NONE	TRACE	AMOUNTS (INCHES)												PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)				
				NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4			OVER 50.4	OVER 120	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4.6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120									
JAN	100.0														854							
FEB	99.7			.1	.1										.3	789						
MAR	100.0															803						
APR	100.0															846						
MAY	100.0															870						
JUN	100.0															832						
JUL	100.0															867						
AUG	100.0															889						
SEP	100.0															837						
OCT	100.0															877						
NOV	100.0															836						
DEC	100.0															817						
ANNUAL	100.0			.0	.0										.0	10108						

DATA PROCESSING BRANCH
USAF/ETAC/DL A
FAIR WEATHER SERVICE/MAC

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOSIA 42-46, 51-76 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42	* .00*	.00*	*TRACE*	*TRACE*	.00*	.00*	.00*	.00*	.00*	*TRACE*	.00*	.00	3.39
43	* 1.51	3.21	2.88	1.11	.81	1.88	3.47	1.03	1.26	3.04	1.56	.32	3.47
44	1.61	1.23	.30	2.85	.28	1.16	1.87	3.36	1.21	.75	.34	2.00	3.36
45	1.39	1.11		.88	1.12*	1.69	2.61	.78	1.90	1.24	2.12	1.06	
51	.94	.95	1.40	.80	1.75	.90	1.00	1.49	1.14	2.74	.98	.50	2.74
52	1.63	1.23	.60	2.85	.20	.97	2.04	3.33	5.42	.13	.97	1.78	5.42
54	.40	.66	.61	1.40	1.47	1.04	.75	2.42	.42	.19	.79	.97	2.42
55	2.15	1.85	.60	1.56	1.50	.43	.57	1.21	1.90	1.34	.36	.68	2.15
56	2.20	1.24	.80	1.12	2.07	.91	1.50	.96	2.99	1.32	.14	.42	2.99
57	.38	.73	2.71	1.15	.89	2.48	2.00	.84	2.29	.74	1.28	1.23	2.71
58	.78	1.33	1.35	2.14	2.54	1.93	1.42	2.15	.98	1.10	.72	.71	2.54
59	.82	2.66	5.21	.54	3.34	1.07	2.83	.87	.64	1.66	.36	1.03	5.21
60	.79	2.21	1.10	1.90	1.80	2.29	3.32	3.15	1.13	.72	.06		
61	* .00								* .09				
62	* 2.26*	1.40*	* 3.44	1.48	.55*	.95*	3.23*	3.74*	1.25*	.73*	1.23*	2.90	* 2.30
63			* 1.36*	2.02*	.66*	.80*	1.78*	1.44*	2.30	.01*	1.04*	1.10	
64													
65													
66													
67													
68	* .39*	2.55	1.57	.30*	2.44*	.43*	1.79*	2.35*	1.63	.43*	* 1.33*	1.93	* 2.56
69	* 1.31*	1.43	2.40	.65*	3.62	.99*	1.83	4.62*	1.04	1.54*	.30*	2.56	4.62
70	* .49*	1.27	2.52	4.36*	.75	1.94*	1.63	1.38*	1.14*	1.64*	.55*	.89	4.36
71	* 1.99*	1.10	2.67	.35*	.91	3.69*	1.88	1.75*	.05*	.97*	1.20*	1.95	3.69
72	* .76*	1.58	2.20	3.62*	2.58	5.64*	1.67	.80*	.84*	.56*	.81*	3.84	5.64
73	* .71*	.73	.86	2.81*	3.75	1.39*	2.30	1.04*	2.87*	.04*	.55*	1.18	* 3.75
74	* 1.38	.63	1.77	5.60	.86	.96	3.18	.85	1.08	1.06	.72	1.61	5.60
75													
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON < FULL MONTHS)

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
13857	MOODY AFB GEORGIA/VALDOSTA	42-46, 51-76

YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOOSTA 46, 51-76 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	
51	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
52	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
54	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
59	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64													
65													
66													
67													
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	TRACE	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
76	TRACE	.0											
MEAN	TRACE	.07	TRACE	.00	.00	.00	.00	.00	.00	.00	.00	TRACE	.29
S. D.	.000	.270	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.737
TOTAL OBS.	573	526	549	565	578	547	571	578	558	578	583	550	6756

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13857 STATION MUDDY AFB GEORGIA/VALDOOSTA 42-46, 51-76 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH/ YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42				0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0		0	0	0	0	0	0	0	0	0	
51													
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	*	*	*	*	*	*	*	*	*	*	*	*	*
62	*	*	*	*	*	*	*	*	*	*	*	*	*
63	*	*	*	*	*	*	*	*	*	*	*	*	*
64	*	*	*	*	*	*	*	*	*	*	*	*	*
65	*	*	*	*	*	*	*	*	*	*	*	*	*
66	*	*	*	*	*	*	*	*	*	*	*	*	*
67	*	*	*	*	*	*	*	*	*	*	*	*	*
68	*	*	*	*	*	*	*	*	*	*	*	*	*
69	*	*	*	*	*	*	*	*	*	*	*	*	*
70	*	*	*	*	*	*	*	*	*	*	*	*	*
71	*	*	*	*	*	*	*	*	*	*	*	*	*
72	*	*	*	*	*	*	*	*	*	*	*	*	*
73	*	*	*	*	*	*	*	*	*	*	*	*	*
74	*	*	*	*	*	*	*	*	*	*	*	*	*
75	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON < FULL MONTHS)

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
13857	MOODY AFB GEORGIA/VALDOSTA	42-46, 51-76

DAILY SNOW DEPTH IN INCHES

[illegible]

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXX
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOSTA STATION NAME 42-46, 51-76 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42	*	.00*	.00*	*TRACE*	*TRACE*	.00*	.00*	.00*	.00*	.00*	*TRACE*	.00*	.00	*25.34
43		2.62	5.85	9.42	1.57	4.55	5.95*	1.82	5.44	2.21	.03	.67	3.10	53.99
44		3.59	2.09	.81	7.53	.49	2.19	10.57	4.58	4.43	3.15	2.12	.63	49.15
45		3.33	2.83		1.33	4.81*	1.84		7.89	4.45	1.55	.47	7.52	
46														
51								5.81	2.16	6.06	1.31	5.16	3.22	
52		1.00	4.86	4.39	1.41	4.63	1.02	2.92	5.43	3.11	2.83	2.19	2.23	36.02
53		4.07	5.35	1.59	7.00	.64	4.93	10.34	9.35	8.41	.19	1.66	7.03	60.56
54		.58	1.38	1.19	2.30	1.67	2.01	2.22	6.31	.79	.41	2.42	2.41	23.69
55		5.03	2.46	1.14	2.93	4.75	.75	3.71	3.42	3.66	3.13	1.17	1.17	33.32
56		3.94	4.11	2.47	4.03	6.88	3.34	5.53	1.99	4.66	3.91	.30	1.04	42.20
57		.75	1.95	4.96	3.43	4.69	5.10	6.30	3.31	7.27	1.41	5.62	1.77	46.56
58		2.34	3.93	5.19	6.93	5.43	8.16	4.04	3.87	1.26	1.72	1.27	2.10	46.26
59		4.24	8.04	11.06	2.13	8.53	4.71	9.56	2.67	2.05	5.17	.51	1.89	60.56
60		2.48	8.28	3.85	5.82	2.80	6.51	11.20	10.74	3.26	1.25	.06		
61			.00							.09				
62				7.33	2.68	.81*	4.29*	6.89*	8.53*	3.92*	1.26*	3.63*	3.45	
63	*	3.49*	5.41*	2.35*	2.26*	2.15*	2.45*	3.65*	4.86*	3.32	.01*	2.14*	2.70	*34.79
64														
65														
66														
67														
68														
69	*	.54*	3.76	5.71	.38*	8.17*	.86*	8.42*	6.99*	4.39	.90*	3.84*	2.77	*45.24
70	*	2.36*	5.34	8.13	1.53*	9.39	3.06*	6.37	15.52*	1.70	2.94*	.87*	2.07	*58.25
71	*	2.29*	4.03	6.30	5.36*	1.30	4.00*	8.60	6.87*	2.12*	2.30*	1.87*	5.74	*50.78
72	*	4.31*	4.94	4.73	.61*	5.28	7.35*	4.56	4.55*	.06*	1.34*	4.16*	3.64	*45.53
73	*	3.78*	4.63	6.19	11.60*	8.21	11.68*	7.26	3.46*	2.72*	.88*	2.22*	7.52	*70.15
74	*	2.13*	2.50	2.68	4.75*	4.36	5.15*	7.29	4.02*	7.28*	.04*	1.76*	2.76	*44.72
75	*	8.01	2.31	4.84	10.51	3.96	4.83	9.73	3.67	3.47	2.65	1.34	6.82	*62.14
MEAN														
S. D.														
TOTAL OBS.														

NOTE * (BASED ON < FULL MONTHS)

MONTHLY PRECIPITATION

13857	MOODY AFB GEORGIA/VALDOSTA	42-46, 51-76
STATION	STATION NAME	YEARS

[illegible]

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXX
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOOSTA 46, 51-76 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	.0	.0		.0	.0*	.0	.0	.0	.0	.0	.0	.0	
51		TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
52	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
54	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
58	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
59	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61	*	.0							*				
62	*	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.00
63	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	* .00
64													
65													
66													
67													
68	*	.0	.0	.0*	.0	.0*	.0	.0*	.0	.0*	.0*	.0	* .00
69	*	.0	.0	.0*	.0	.0*	.0	.0*	.0	.0*	.0*	.0	* .00
70	*	.0	.0	.0*	.0	.0*	.0	.0*	.0	.0*	.0*	.0	* .00
71	*	.0	.0	.0*	.0	.0*	.0	.0*	.0	.0*	.0*	.0	* .00
72	*	.0	.0	.0*	.0	.0*	.0	.0*	.0	.0*	.0*	.0	* .00
73	*TRACE*	1.2	.0	.0*	.0	.0*	.0	.0*	.0	.0*	.0*	.0	* 1.2
74	*	.0	.0	.0*	.0	.0*	.0	.0*	.0	.0*	.0*	.0	* .00
75	*	.0	.0	.0*	.0	.0*	.0	.0*	.0	.0*	.0*	.0	*TRACE
76	TRACE	.0											
MEAN	TRACE	.07	TRACE	.00	.00	.00	.00	.00	.00	.00	.00	TRACE	.09
S. D.	.000	.270	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.301
TOTAL OBS.	573	526	549	565	578	547	571	578	558	578	583	550	6756

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13897 STATION MUDNY AFB GEORGIA/VALDOSTA 46, 51-76 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	
51	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
52	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
54	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
58	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
59	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
64													
65													
66													
67													
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
73	TRACE	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
75	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
76	TRACE	.0											
MEAN	TRACE	.07	TRACE	.00	.00	.00	.00	.00	.00	.00	.00	TRACE	.09
S.D.	.000	.270	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.301
TOTAL OBS.	573	526	549	555	578	547	571	578	558	578	593	550	6756

NOTE * (BASED ON < FULL MONTHS)

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13857 MOODY AFB GEORGIA/VALDOOSTA 42-46, 51-76 YEARS

STATION NAME

DAILY PEAK GUSTS IN KNOTS

MONTH/ YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													
43													
44													
45													
46	SE *32WSW 36					ESE*20			ENE*17E	35SSW	28WNW*28		
51									ENE 25NE	37W	26WNW 28		
52			SSW 45ESE	37WSW*41SE	30WNW	38SSW*38ENE	35ESE	27ESE	38ENE	25NE	23W	32	ESE 38
53	NW *31WSW*33WSW	31SW	36WSW 30SE	32SSW	34W	38SE	30ESE	29SSW	30SSW	30			W 38
54	WNW 31WNW 30S	27SSW	34SSE	30SSE	37WSW	28W	30SSE	31ENE	28WSW	33SSW	20WSW	23	SSW 35
55	WSW 32SSW 35SSW	26WNW	28SW	35WSW	29WSW	45WSW	35SSE	30W	31NW	29NW	29		WSW 45
56	WNW 26SSW 35W	32SSW	38SSE	26SSE	33SW	33SE	38NE	42ENE	30E	23WNW	28WNW	31	ESE 48
57	SSW 25WSW 26ESE	48ESE	48SSE	36ENE	33SW	33SE	28W	27ESE	27NNE	20WNW	23SW	19	SSE 52
58	SSW 30SW 32SSE	25W	31WNW	23SSE	52S	28W	65SSW*33WSW	37SE	29W	30NE	26WNW	27	E 65
59	SW 34SSW 36WNW	32SSW	30ESE	38E	65SSW*33WSW	37SE	29W	30NE	26WNW	27			SE 46
60	NW 28WSW 39SW	26NW	24W	24SW	26WNW	33NNW	38SE	46S	34N	21E	*26		
61	WNW*33W	43NW	*39			WNW*18W	48ESE*36W	*23W	*24NNW*39				
62							NNW*20NW	*27					
63							WSW*30N	26W					
64													
65											NW 27N	26	
66	W 32W	40WSW	29WSW	32NNW*26E	*35ENE	45S	29SW	24WNW	31W	29WNW*29			ENE 45
67	W *25S	*30WNW	36SW	27WNW	33N	30S	27S	26NNW	22ESE	20N	31W	30	WNW 36
68	SW 20SW	27SW	37WNW	43NNW	27ENE	3336/	4215/	3224/	2717/	3628/	2615/	34	WNW 43
69	23/ 22	8/ 4114/	3322/	4824/	2628/	4724/	3310/	30	6/ 3236/	2319/	2420/	29	22/ 48
70	1/ 2931/	3427*	4228*	5227/	4031/	3424/	4028/	2512/	2832/	2435/	2735/	22	28* 52
71	31/ 3814/	4922/	4035/	4035/	3334/	3628/	2828/	32	1/ 3434/	2019/	3135/	32	14/ 49
72	34/ 3230/	3827/	4023/	3126/	3336/	5317*	23	6/ 35	1/ 2032/	2515/	3313/	23	36/ 53
73	27/ 2519/	2815*	3011/	3031/	51	5/ 47	4/ 34	6/ 42	9/ 2415/	2325/	3126*	33	31/ 51
74	21/ 2419/	3423/	3018/	29	3/ 3531/	3516/	4320/	3113/	35	4/ 2034/	4129/	26	16/ 43
75	28/ 4326/	3022/	4330/	4031/	3431/	3718/	2931/	3724/	3016/	4432/	2429/	34	16/ 44
MEAN													
S. D.													
TOTAL OBS.													

NOTES * (BASED ON < FULL MONTHS)
5 (BASED ON < FULL MONTHS AND +100 KNOTS)

EXTREME VALUES

(FROM DAILY OBSERVATIONS):

13857	MOODY AFB GEORGIA/VALDOSTA	42-46, 51-76
STATION	STATION NAME	YEARS

DAILY PEAK GUSTS IN KNOTS

[illegible][illegible]

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-46, 51-76

YEARS

ALL
NORTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.6	1.1	.2	.0	.0	.0	.0	.0	.0	.0	4.0	5.6
NNE	1.0	1.6	1.3	.3	.0	.0	.0	.0	.0	.0	.0	4.2	6.1
NE	1.4	2.2	1.9	.5	.0	.0	.0	.0	.0	.0	.0	6.1	6.2
ENE	1.5	2.4	2.1	.6	.0	.0	.0	.0	.0	.0	.0	6.6	6.2
E	2.0	2.5	1.7	.4	.0	.0	.0	.0	.0	.0	.0	6.6	5.5
ESE	1.1	1.4	1.1	.2	.0	.0	.0	.0	.0	.0	.0	3.9	5.7
SE	1.0	1.1	.7	.2	.0	.0	.0	.0	.0	.0	.0	3.0	5.4
SSE	.9	1.0	.8	.2	.0	.0	.0	.0	.0	.0	.0	3.0	6.0
S	1.5	1.7	1.5	.6	.1	.0	.0	.0	.0	.0	.0	5.3	6.3
SSW	1.2	1.8	1.7	.8	.1	.0	.0	.0	.0	.0	.0	5.6	6.9
SW	1.2	1.9	1.4	.5	.0	.0	.0	.0	.0	.0	.0	5.2	6.1
WSW	1.2	1.9	1.5	.5	.1	.0	.0	.0	.0	.0	.0	5.2	6.3
W	1.4	2.2	1.8	.6	.1	.0	.0	.0	.0	.0	.0	6.0	6.4
WNW	1.0	1.7	1.7	.7	.1	.0	.0	.0	.0	.0	.0	5.2	7.0
NW	1.1	1.6	1.4	.5	.0	.0	.0	.0	.0	.0	.0	4.6	6.4
NNW	.9	1.4	1.1	.3	.0	.0	.0	.0	.0	.0	.0	3.7	6.2
VARBL													
CALM												21.9	
	19.6	28.1	22.8	6.9	.6	.1	.0	.0	.0	.0	.0	100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

198974

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

43-46.52-76

YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.2	1.5	.2								5.3	5.6
NNE	1.1	1.6	1.1	.2								4.0	5.5
NE	1.0	1.9	1.6	.2								4.7	5.9
ENE	1.3	2.4	2.0	.3	.0							6.0	5.9
E	1.5	2.0	.9	.1	.0							4.6	5.1
ESE	.7	.9	.6	.1	.0							2.4	5.5
SE	.5	.8	.5	.1	.0							2.0	5.6
SSE	.6	.6	.8	.3	.0	.0						2.4	6.8
S	1.1	1.4	1.7	.8	.1	.0						5.0	7.1
SSW	1.0	1.7	2.5	1.1	.1	.0						6.4	7.6
SW	1.2	1.5	1.4	.6	.1							4.8	6.7
WSW	1.1	1.6	1.6	.6	.1		.0					5.0	6.8
W	1.2	2.2	2.0	.9	.0	.0	.0					6.3	6.3
WNW	1.0	2.0	2.9	1.3	.2	.0						7.3	7.8
NW	.9	1.9	2.4	1.0	.1							6.3	7.4
NNW	1.0	1.9	1.8	.6	.0							5.5	6.7
VARBL													
CALM												22.1	
	16.6	26.6	25.4	8.5	.6	.1	.0					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

16619

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

43-46, 52-76

YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.8	1.3	.4	.0							4.4	6.1
NNE	.6	1.4	1.1	.3								3.4	6.3
NE	.7	1.3	1.5	.3	.0							3.9	6.5
ENE	.9	1.8	1.8	.5	.0							5.0	6.6
E	1.2	1.8	1.3	.3	.0	.0						4.7	5.9
ESE	.6	1.1	.8	.2	.0							2.7	6.3
SE	.7	.7	.7	.2								2.3	6.1
SSE	.6	.9	1.1	.5	.0	.0						3.1	7.3
S	1.0	1.7	2.1	1.0	.2	.0	.0					6.0	7.9
SSW	.9	2.3	2.8	1.7	.2							8.0	8.1
SW	.9	1.9	1.8	.8	.1	.0						5.6	7.1
WSW	1.1	1.9	1.7	.7	.1	.0						5.6	7.0
W	1.3	2.2	2.3	1.3	.3	.0						7.3	7.7
WNW	1.3	2.6	2.9	1.6	.2	.0						8.4	7.8
NW	.9	2.0	1.9	.8	.1	.0						5.7	7.0
NNW	.8	1.6	1.6	.6	.0							4.6	6.8
VARBL												19.3	
CALM												100.0	5.7
	14.4	26.9	26.7	11.2	1.4	.1	.0						

TOTAL NUMBER OF OBSERVATIONS

15337

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

43-45.52-75

YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.8	1.4	.3	.0							4.4	6.0
NNE	.7	1.3	1.1	.2								3.2	6.1
NE	.7	1.2	1.2	.3	.0							3.3	6.3
ENE	.8	1.4	1.5	.3	.0							4.1	6.5
E	1.1	2.1	1.7	.4	.0							5.4	6.2
ESE	.8	1.5	1.2	.4	.0							4.0	6.5
SE	.8	1.1	.8	.4	.0	.0						3.2	6.5
SSE	.7	1.2	1.0	.3	.0							3.2	6.4
S	1.1	2.0	2.2	1.2	.2	.0						6.8	7.8
SSW	.9	2.2	3.3	2.2	.3	.1	.0					9.0	8.7
SW	1.0	2.0	2.3	1.1	.2	.0						6.5	7.7
WSW	.8	1.5	1.7	.9	.1	.0						5.1	7.7
W	1.0	1.6	2.1	1.3	.2	.0						6.0	8.0
WNW	.7	1.4	2.2	1.9	.3	.0						6.4	9.0
NW	1.0	2.1	2.0	1.2	.1							6.4	7.6
NNW	.8	1.8	1.8	.9	.1							5.2	7.3
VARBL													
CALM												17.8	
	13.3	26.0	27.5	13.2	1.6	.2	.0					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

15564

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-46.52-75
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.1	1.3	.2	.0							3.5	6.2
NNE	.6	.8	1.0	.3	.0							2.7	6.5
NE	.8	1.1	.9	.3	.0							3.1	6.1
ENE	.9	1.4	1.3	.3	.0							3.9	6.2
E	1.6	2.4	2.1	.4	.0							6.6	6.0
ESE	.9	1.7	1.9	.5	.0							5.1	6.7
SE	1.1	1.5	1.3	.3	.1							4.4	6.3
SSE	.8	1.5	1.4	.4	.1							4.2	6.7
S	1.2	1.8	2.1	.9	.1							6.2	7.2
SSW	1.0	2.2	2.7	1.3	.3	.0						7.6	8.1
SW	1.4	2.2	2.6	1.1	.1	.0	.0					7.4	7.2
WSW	1.1	2.0	2.0	.8	.1	.0	.0					5.9	6.9
W	1.3	2.1	2.1	.7	.1							6.4	6.7
WNW	.8	1.5	1.9	.8	.0							5.1	4.7
NW	1.1	1.4	2.1	.7	.0							5.4	4.7
NNW	.8	1.4	1.5	.4	.0	.0						4.1	6.8
VARBL													
CALM												18.5	
	16.3	26.2	28.3	9.6	1.0	.1	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

16620

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12857
STATION

MUDDY AFB GEORGIA/VALDOSTA

42-46, 52-75

YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.4	1.0	.2	.0							3.6	5.6
NNE	.7	1.2	1.0	.2	.0							3.0	6.1
N _E	1.1	1.5	1.2	.3	.0							4.1	6.0
ENE	1.0	2.0	1.7	.4	.0							5.2	6.3
E	2.0	2.7	2.2	.4	.0							7.4	5.8
ESE	1.3	1.9	1.7	.4	.0	.0						5.3	6.1
SE	1.6	1.5	1.1	.2	.0	.0						4.5	5.3
SSE	1.0	1.2	.9	.3	.0	.0						3.4	5.8
S	1.9	2.0	1.5	.5	.0							5.9	5.8
SSW	1.3	1.8	1.6	.7	.0							5.4	6.5
SW	1.6	2.3	1.8	.6	.1							6.4	6.1
WSW	1.3	2.2	2.0	.5	.0							6.2	6.4
W	1.7	2.8	2.2	.4	.0							7.2	5.9
WNW	.7	1.9	1.6	.3	.0							4.6	6.4
NW	1.0	1.6	1.3	.3	.0	.0						4.1	6.0
NNW	.8	1.2	.9	.2	.0							3.2	6.0
VARBL													
CALM												20.6	
	20.2	29.1	23.8	5.8	.4	.0						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

17172

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

YEARS

42-46, 52-75

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.2	.7	.1	.0							2.9	5.2
NNE	.8	1.3	1.1	.2	.0							3.4	6.0
NE	1.5	1.9	1.6	.3	.0							5.4	5.8
ENE	1.5	2.2	1.9	.6	.0							6.3	6.2
E	2.0	3.1	1.9	.5	.0							8.2	5.5
ESE	1.3	1.8	1.3	.3	.0							4.7	5.8
SE	1.2	1.3	.9	.2	.0							3.6	5.6
SSE	1.0	1.0	.8	.2	.0							3.1	6.0
S	2.2	1.9	1.1	.3	.0							5.5	5.2
SSW	1.3	2.0	1.5	.3	.0							5.2	5.9
SW	1.8	2.8	1.7	.3	.0							6.6	5.6
WSW	1.6	3.0	2.0	.4	.0							7.0	5.9
W	1.8	3.3	2.1	.5	.0							7.5	5.9
WNW	1.1	1.9	1.3	.3	.0							4.6	5.8
NW	1.0	1.5	.8	.1	.0							3.4	5.2
NNW	.6	1.0	.6	.1	.0							2.2	5.4
VARBL													
CALM												20.1	
	22.2	31.3	21.2	4.7	.4	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

16350

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-45.51-75

YEARS

JUL
MONTH

ALL WEATHER
CLAS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.8	.3	.0								1.8	4.4
NNE	.8	.8	.6	.1								2.3	5.1
NE	1.3	1.2	.8	.2								3.5	5.2
ENE	1.2	1.6	1.1	.3	.0		.0					4.2	5.8
E	1.9	2.3	1.1	.3	.0	.0						5.7	5.2
ESE	1.3	1.5	.8	.1	.0	.0						3.7	5.1
SE	1.2	1.3	.6	.1	.0	.0						3.2	4.9
SSE	1.3	1.4	.8	.2	.0	.0						3.7	5.3
S	2.4	2.7	1.5	.3	.0	.0						7.0	5.2
SSW	2.4	3.3	1.9	.3	.0	.0	.0					8.0	5.4
SW	2.5	3.4	2.1	.3	.0	.0						8.3	5.4
WSW	2.3	3.8	2.4	.4	.0	.0						8.9	5.6
W	2.0	3.3	2.1	.3	.0	.0	.0					7.8	5.6
WNW	.9	1.8	1.0	.1								3.8	5.5
NW	.9	1.0	.5	.1	.0							2.4	4.9
NNW	.5	.7	.3	.0	.0	.0						1.6	5.1
VARB													
CALM												24.1	
	23.6	31.0	17.9	3.1	.2	.1	.0	.0				100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

17190

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-45.51-75

YEARS

AUG
MONTH

ALL WEATHER
CLAS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.2	.6	.1	.0	.0	.0	.0	.0	.0	.0	2.9	5.1
NNE	1.1	1.6	.9	.2	.0	.0	.0	.0	.0	.0	.0	3.8	5.6
NE	1.5	2.0	1.4	.5	.0	.0	.0	.0	.0	.0	.0	5.5	6.0
ENE	1.6	2.4	1.5	.4	.0	.0	.0	.0	.0	.0	.0	6.1	5.8
E	2.4	2.5	1.4	.3	.0	.0	.0	.0	.0	.0	.0	6.6	5.0
ESE	1.6	1.6	.9	.1	.0	.0	.0	.0	.0	.0	.0	4.2	4.9
SE	1.8	1.3	.6	.1	.0	.0	.0	.0	.0	.0	.0	3.7	4.4
SSE	1.5	1.3	.6	.1	.0	.0	.0	.0	.0	.0	.0	3.5	4.7
S	2.7	2.5	1.2	.2	.0	.0	.0	.0	.0	.0	.0	6.6	4.7
SSW	2.2	2.5	1.4	.2	.0	.0	.0	.0	.0	.0	.0	6.4	5.1
SW	2.3	2.5	1.4	.2	.0	.0	.0	.0	.0	.0	.0	6.3	5.0
WSW	1.6	2.3	1.4	.2	.0	.0	.0	.0	.0	.0	.0	5.6	5.3
W	1.6	2.2	1.2	.1	.0	.0	.0	.0	.0	.0	.0	5.1	5.1
WNW	.9	1.4	.8	.1	.0	.0	.0	.0	.0	.0	.0	3.3	5.3
NW	.9	1.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.9
NNW	.7	.9	.4	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.9
VARBL													
CALM												25.6	
	25.8	29.3	16.1	3.0	.2	.0	.0	.0	.0	.0	.0	100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

17232

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-45.51-75

YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.5	.6	.2	.1	.0						3.8	5.4
NNE	1.4	2.6	2.1	.4	.0	.0						6.7	6.1
NE	2.3	4.3	4.3	1.5	.1	.0						12.5	6.8
ENE	2.7	4.3	4.5	1.4	.1	.0	.0					13.0	6.7
E	3.3	4.3	2.8	.7	.0	.0						11.1	5.6
ESE	1.6	1.9	1.3	.3	.0	.0						5.1	5.7
SE	1.2	1.3	.6	.1	.0	.0						3.3	5.0
SSE	1.0	1.1	.6	.1	.0	.0						2.8	5.5
S	1.1	1.0	.6	.1	.0	.0						2.8	5.1
SSW	1.0	1.0	.5	.1	.0	.0						2.6	5.1
SW	1.0	.8	.5	.1	.0	.0						2.3	5.1
WSW	.8	1.1	.5	.1	.0	.0						2.4	4.9
W	.9	1.4	.7	.1	.0	.0						3.1	5.2
WNW	.6	.9	.6	.1	.0	.0						2.3	5.5
NW	.8	.9	.6	.1	.0	.0						2.4	5.2
NNW	.9	.9	.5	.1	.0	.0						2.4	5.2
VARBL													
CALM												21.2	
	22.1	29.2	21.3	5.5	.5	.1	.0					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

16842

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

42-45, 51-75
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.5	1.6	.3	.0	.0						6.3	5.5
NNE	1.7	3.1	2.7	.8	.0	.0						8.3	6.4
NE	2.4	4.4	4.5	1.3	.1							12.6	6.6
ENE	2.1	3.8	3.9	1.2	.1							11.1	6.7
E	2.3	2.9	2.2	.4	.0							7.8	5.5
ESE	1.2	1.2	.9	.2	.0							3.5	5.4
SE	.7	.6	.4	.0	.0							1.8	4.8
SSE	.5	.5	.3	.1								1.4	5.2
S	1.0	.8	.5	.1	.0	.0						2.4	5.0
SSW	.6	.5	.4	.1								1.5	5.2
SW	.7	.6	.5	.1								1.8	5.2
WSW	.8	.9	.6	.3	.0							2.6	6.0
W	1.2	1.3	.9	.3	.0	.0						3.7	5.8
WNW	1.2	1.5	1.1	.3	.0	.0						4.1	5.8
NW	1.3	1.6	1.1	.2	.0	.0	.0					4.3	5.7
NNW	1.1	1.5	.9	.3	.0	.0						3.8	5.6
VARBL													
CALM												22.9	
	20.7	27.7	22.5	5.8	.4	.1	.0					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

17743

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

42-45,51-75

YEARS

NOV
MONTH

STATION NAME

ALL WEATHER
CLASS

ALL
HOURS (L.R.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.0	1.4	.2	.0							4.9	5.5
NNE	1.2	2.0	1.7	.4	.0							5.2	6.1
NE	2.1	3.0	2.0	.5	.0							7.7	5.8
ENE	2.3	3.1	2.1	.5	.0							8.0	5.6
E	2.3	2.1	1.2	.2	.0							5.8	4.9
ESE	1.1	1.3	.7	.1								3.2	4.9
SE	.8	.8	.5	.1								2.2	5.0
SSE	.7	.8	.6	.2	.0							2.2	5.8
S	1.0	1.2	1.3	.4	.0	.0						3.9	6.3
SSW	.7	1.0	1.0	.5	.0	.0						2.6	5.7
SW	.8	1.0	.8	.2	.0	.0						3.2	6.3
WSW	.8	1.1	1.0	.3	.0	.0						5.6	6.5
W	1.1	2.2	1.7	.6	.0							6.1	6.9
WNW	1.1	2.1	2.1	.8	.1	.0						6.6	6.7
NW	1.3	2.3	2.0	.8	.1	.0						4.6	6.2
NNW	1.2	1.6	1.3	.4	.0	.0						25.0	
VARBL													
CALM													
	19.8	27.5	21.2	6.1	.4	.0						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

16756

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALCOSTA

42-45.51-75

YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.8	1.3	.2	.0							4.6	5.7
NNE	.9	1.6	1.5	.4	.1							4.4	6.4
NE	1.4	2.1	1.9	.6	.0							6.0	6.2
ENE	1.6	2.1	1.5	.4								5.7	5.7
E	1.7	1.9	1.2	.3								5.1	5.3
ESE	1.0	1.1	.6	.1								2.8	5.2
SE	.8	.9	.6	.1								2.3	5.3
SSE	.7	.9	.8	.3	.0							2.8	6.4
S	1.0	1.4	1.0	.8	.1							5.5	7.3
SSW	.9	1.4	1.3	.8	.1	.0						4.5	7.4
SW	1.0	1.5	.8	.3	.0	.0						3.3	5.9
WSW	1.0	1.5	1.4	.6	.1	.0						4.7	6.9
W	1.2	2.0	1.9	.6	.1	.0						5.8	6.7
WNW	1.4	2.1	2.3	1.1	.1							7.0	7.1
NW	1.4	2.0	1.7	.6	.0							5.8	6.4
NNW	1.1	1.8	1.5	.4								4.8	6.1
VARBL												24.8	
CALM												100.0	4.8
	18.2	26.0	22.7	7.6	.7	.0							

TOTAL NUMBER OF OBSERVATIONS

15549

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

43-46, 52-60, 62, 75-76
CLAS

JAN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.6	1.0									3.7	5.1
NNE	.9	1.1	.4	.1								2.5	4.8
NE	1.3	1.6	.9									3.8	4.9
ENE	1.0	2.8	1.6	.1								5.5	5.6
E	1.9	1.6	.5	.1								4.1	4.3
ESE	1.0	.4	.4									1.8	4.5
SE	.5	.7	.4	.1								1.7	5.1
SSE	.4	.4	.7	.1	.1	.1						1.9	7.2
S	.9	1.3	1.5	.3	.1							4.1	6.9
SSW	.8	1.8	1.7	.3								4.6	6.1
SW	2.2	1.3	.8	.3								4.6	4.8
WSW	1.7	2.2	2.0	.9								6.8	6.5
W	1.1	1.4	.9	.1								3.6	5.3
WNW	1.3	1.5	2.7	1.0								6.5	7.5
NW	1.6	2.1	2.3	.7								6.7	6.3
NNW	.6	1.7	2.4	.3								5.0	6.7
VARBL												32.9	
CALM												100.0	4.0
	18.4	23.6	20.3	4.4	.2	.1							

TOTAL NUMBER OF OBSERVATIONS

1337

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MORRIS AFB GEORGIA/VALDOSTA

STATION NAME

43-46.52-76

TEARS

JAN

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.2	1.3	.3								5.5	5.5
NNE	1.5	1.5	1.2	.1								4.2	5.1
NE	1.0	1.9	.9									3.7	5.1
ENE	1.1	2.5	1.4	.1								5.1	5.4
E	1.7	1.8	.2	.1								3.8	4.1
ESE	.7	.7	.4	.1								1.8	4.6
SE	.9	.4	.5	.1								1.8	4.9
SSE	.4	.5	.5	.3								1.7	7.0
S	1.3	1.1	.8	.4		.1						3.8	6.1
SSW	1.4	1.1	1.5	.6		.1						4.8	6.7
SW	1.0	1.3	1.1	.3								3.6	6.0
WSW	1.3	2.0	1.1	.2								4.6	5.4
W	1.4	1.7	1.1	.4								4.6	5.7
WNW	1.1	1.7	2.7	.7	.1							6.4	7.1
NW	.8	1.5	2.0	.5	.1							4.9	6.1
NNW	1.2	2.0	1.4	.6								5.3	6.3
VARBL												34.3	
CALM												100.0	3.8
	18.4	23.9	18.2	4.8	.2	.2							

TOTAL NUMBER OF OBSERVATIONS

1742

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

43-46.52-76

YEARS

JAN
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.4	1.5	.3								6.4	5.1
NNE	1.5	2.3	1.0	.2								5.0	5.1
NE	1.2	2.5	1.3	.1								5.1	5.3
ENE	1.5	1.5	1.9	.3								5.2	5.8
E	1.8	1.3	.4	.0								3.6	4.1
ESE	.9	.9	.5	.0								2.3	4.8
SE	.8	.6	.5	.1								2.0	5.1
SSE	.9	.5	.9	.4								2.7	6.6
S	1.2	1.4	1.0	.4								3.9	5.9
SSW	1.5	1.2	1.4	.6	.0							4.6	6.3
SW	1.4	1.1	.6	.2	.1							3.4	5.2
WSW	1.0	1.2	1.1	.2	.2							3.5	5.9
W	1.2	2.6	1.1	.2	.0							5.1	5.4
WNW	1.1	1.7	2.2	.4	.1							5.4	6.6
NW	1.1	2.1	1.9	.7	.1							5.5	6.9
NNW	1.2	1.7	1.7	.5	.5							5.1	6.3
VARBL												30.8	
CALM												100.0	4.0
	20.5	24.9	18.9	4.4	.4								

TOTAL NUMBER OF OBSERVATIONS

2333

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

43-46.52-76

YEARS

JAN
NORTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.6	3.0	.2								6.8	6.4
NNE	1.1	1.6	1.5	.4								4.6	6.0
NE	.9	2.8	2.5	.4								6.6	6.5
ENE	1.3	3.0	3.0	.7								8.1	6.5
E	1.3	2.9	1.1	.2								5.5	5.2
ESE	.6	1.4	.7	.3								3.1	5.9
SE	.6	1.6	.6	.2								2.9	5.7
SSE	.7	1.0	1.1	.7		.0						3.6	7.3
S	.9	1.6	2.1	1.1								5.7	7.4
SSW	.6	1.5	2.6	1.0								5.7	7.8
SW	1.1	1.7	.9	.5								4.3	6.2
WSW	.6	1.3	1.2	.6								3.7	7.1
W	1.1	1.6	2.4	.7	.0							5.7	7.1
WNW	.9	1.8	3.2	1.3	.3							7.5	8.2
NW	.9	1.3	2.4	1.8								6.4	8.2
NNW	1.0	2.5	2.3	1.0	.1							6.8	7.1
VARBL												13.0	
CALM													
	14.5	30.3	30.6	11.1	.4	.0						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

2454

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOSTA 43-46.52-76 YEARS JAN MONTH
1200-1400 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.1	1.9	.6								5.7	6.3
NNE	.6	1.3	1.7	.3								3.9	6.9
NE	.7	1.5	2.3	.3								4.8	6.6
ENE	1.0	2.6	2.7	.4								6.7	6.5
E	1.0	2.1	1.2	.2								4.5	5.7
ESE	.5	.6	1.0	.2	.0							2.4	6.9
SE	.4	1.1	.8	.2								2.5	6.4
SSE	.6	.7	1.3	.5	.0							3.2	7.7
S	.8	1.0	2.4	1.9	.2							6.2	8.8
SSW	.6	1.5	3.6	2.4	.2							8.2	9.1
SW	.4	1.1	2.4	1.2	.1							5.2	8.5
WSW	.7	1.5	2.7	1.0	.3							6.2	8.2
W	1.0	2.6	3.0	2.4	.1	.0						9.1	8.3
WNW	1.0	2.2	4.4	2.3	.2	.0						10.2	8.5
NW	.6	1.9	2.6	1.3	.2							6.7	8.1
NNW	.9	1.8	2.1	.7	.0							5.6	7.0
VARBL													
CALM												9.0	
	11.9	25.6	36.2	15.8	1.3	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

2540

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

43-46.52-76

YEARS

JAN
MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.6	2.0	.2								5.7	6.0
NNE	.7	1.6	1.5	.0								3.8	5.9
NE	.9	1.5	2.0	.3								4.6	6.3
ENE	1.1	2.1	2.1	.2	.1							5.5	6.3
E	1.2	2.0	1.6	.3								5.1	5.9
ESE	.5	1.0	.8	.1	.0							2.5	6.2
SE	.3	1.0	.8	.1	.0							2.3	6.2
SSE	.4	1.0	.9	.1								2.5	6.0
S	.6	1.6	2.4	1.0	.1	.1						5.8	8.0
SSW	.7	1.7	3.5	1.8	.4							8.1	8.8
SW	.6	1.8	2.4	1.4	.2							6.4	8.5
WSW	.7	2.4	2.4	1.0	.2							6.8	7.5
W	.9	2.3	4.0	1.7	.0		.0					9.0	8.1
WNW	.9	2.5	3.5	2.4	.3							9.7	8.5
NW	.4	2.0	3.3	1.3	.0							7.1	8.2
NNW	.7	2.0	2.2	.6	.1							5.6	7.2
VARBL												9.5	
CALM												100.0	6.7
	11.6	29.2	35.5	12.6	1.5	.1	.0						

TOTAL NUMBER OF OBSERVATIONS

2502

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOSTA 43-46.52-76 JAN MONTH
1800-2000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.9	.5	.0								4.2	4.2
NNE	1.5	1.7	.6	.1								4.0	4.7
NE	1.3	1.8	.9	.2								4.2	5.2
ENE	1.8	2.2	1.2									5.2	5.0
E	1.5	2.1	.8	.1								4.5	4.9
ESE	.8	.8	.2									1.8	4.0
SE	.4	.4	.1									.9	3.9
SSE	.5	.3	.3									1.0	4.4
S	1.6	2.0	1.3	.3	.0							5.2	5.5
SSW	1.3	2.5	2.7	.9								7.3	6.8
SW	1.3	1.7	.9	.5								4.4	5.7
WSW	1.6	1.3	1.0	.3	.0							4.2	5.6
W	2.1	2.7	1.1	.2	.0							6.1	5.1
WNW	1.0	2.1	2.1	.7	.0							6.0	6.8
NW	1.3	1.8	2.0	.7								5.7	6.4
NNW	1.7	1.7	1.1	.3								4.9	5.5
VARBL												30.4	
CALM												100.0	3.8
	21.5	27.0	16.7	4.3	.2								

TOTAL NUMBER OF OBSERVATIONS

2143

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

43-46, 52-76

YEARS

JAN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.2	.3									2.9	4.0
NNE	1.4	1.2	.6									3.2	4.4
NE	.7	1.4	1.1									3.3	5.5
ENE	1.9	2.7	1.8	.1								6.5	5.3
E	1.5	2.2	1.3	.1								5.0	5.2
ESE	1.0	1.3	.6	.3								3.3	5.6
SE	.3	.4	.1	.1								1.0	5.5
SSE	.5	.4	.4	.1								1.3	5.6
S	1.3	1.4	1.3	.4								4.4	6.1
SSW	1.6	2.6	1.8	.9								6.9	6.3
SW	2.4	2.2	1.5	.5								6.7	5.4
WSW	1.7	1.2	.9	.3			.1					4.3	6.1
W	1.1	2.0	.8	.3								4.1	5.5
WNW	.7	1.8	1.5	.6								4.7	6.9
NW	1.2	2.2	2.4	.8	.1							6.7	7.0
NNW	1.0	1.7	1.6	.4	.1							4.9	6.5
VARBL													
CALM												30.9	
	19.6	26.0	18.1	5.0	.3		.1					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

1568

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MODDY AFB GEORGIA/VALDOSTA

STATION NAME

43-46.52-62.67, 75-76

YEARS

FEB
MONTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	.6	.2								2.5	5.6
NNE	.3	1.0	.6	.2								2.1	6.3
NE	1.0	1.1	.9	.2								3.1	5.6
ENE	1.3	2.9	1.3	.6	.1							6.1	6.1
E	1.7	2.2	.9	.2	.1							5.1	5.4
ESE	.6	.8	.6	.1								2.1	5.0
SE	1.4	.8	.5	.4								3.1	5.3
SSE	.9	.6	1.0	.6								3.1	6.7
S	1.4	1.8	2.0	.5								5.7	6.4
SSW	2.1	3.2	1.4	.6	.1							7.5	5.8
SW	1.3	2.2	1.0	.7	.1							5.3	6.0
WSW	2.0	2.5	1.2	.3								6.0	5.2
W	.9	2.6	.5	.4								4.4	5.6
WNW	1.1	2.1	2.1	.6	.2							6.2	7.1
NW	1.0	1.7	1.5	.6								4.8	6.7
NNW	.5	1.3	.9	.6	.1							3.3	7.1
VARBL													
CALM												29.8	
	18.1	27.9	16.8	6.7	.6							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

1260

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

43-46, 52-76

YEARS

FEB
MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLAS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.4	.9	.3								3.3	6.0
NNE	.8	1.8	.9	.2								3.7	5.8
NE	.4	1.5	.7	.3	.1							3.0	6.5
ENE	1.4	2.0	1.8	.2								5.3	5.8
E	1.2	1.8	1.0	.1								4.1	5.2
ESE	.9	1.0	.4	.2								2.5	5.2
SE	.9	.4	.7	.3								2.4	6.2
SSE	.7	.6	1.0	.7								3.1	7.8
S	1.2	1.4	1.6	.4	.1							4.7	6.4
SSW	1.0	1.8	1.2	.5	.2							4.3	6.6
SW	.9	2.0	1.2	.3	.1							4.4	6.0
WSW	1.7	2.1	1.2	.1	.1							5.3	5.3
W	1.2	1.8	1.1	.4	.1							4.7	6.2
WNW	1.2	2.5	2.1	.4								6.1	6.3
NW	1.0	2.4	1.8	.3								5.5	6.0
NNW	.7	2.3	.7	.4								4.1	5.9
VARBL													
CALM												33.1	
	15.9	26.7	18.4	5.2	.7							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

1627

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

43-46.52-76

YEARS

FEB

MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.4	1.2	.3								5.1	5.5
NNE	.9	2.1	1.0	.3								4.3	5.8
NE	1.1	2.0	1.7	.2	.0							5.0	6.0
ENE	1.3	1.9	1.3	.3	.1							4.8	6.0
E	2.0	2.2	.9	.1								5.3	4.7
ESE	.6	1.0	.5	.1								2.3	5.2
SE	.9	.5	.4	.1								2.0	5.0
SSE	.8	1.3	.8	.3								3.3	6.0
S	1.3	2.0	1.5	.8	.1	.1						5.7	7.0
SSW	.8	2.1	1.2	.6								4.7	6.4
SW	.9	2.0	.8	.2								4.0	5.3
WSW	1.4	2.0	.9	.1	.2							4.6	5.8
W	1.6	1.9	.8	.3	.1	.0						4.8	5.7
WNW	1.0	3.0	1.9	.6								6.5	6.4
NW	.8	2.0	1.7	.3								4.8	6.1
NNW	1.1	1.5	1.2	.4	.0							4.2	6.0
VARBL													
CALM												28.5	
	18.0	29.8	18.0	5.0	.6	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

2124

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

43-46,52-76

YEARS

FEB
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.1	2.2	.5	.0							5.8	6.8
NNE	.7	1.8	2.0	.7								5.2	7.0
NE	.5	1.5	2.1	.5								4.6	7.1
ENE	.7	2.0	3.0	.8	.0							6.5	7.3
E	.9	2.1	2.2	.3								5.5	6.4
ESE	.6	1.4	1.1	.0								3.1	5.7
SE	.7	.9	1.0	.3								2.9	6.4
SSE	.8	1.4	1.6	.8	.2							4.8	7.9
S	.8	2.0	2.8	1.6	.3	.0						7.4	8.4
SSW	.5	2.0	2.4	2.3	.2							7.4	8.8
SW	.4	1.1	1.9	.7	.0							4.1	7.8
WSW	.6	1.5	1.6	.8	.1	.1						4.8	7.9
W	1.1	1.6	2.7	1.3	.4							7.0	8.4
WNW	1.0	2.0	3.1	1.3	.1							7.6	7.8
NW	.8	2.3	2.3	1.2	.0	.0						6.7	7.4
NNW	.8	1.4	2.2	1.1								5.6	7.6
VARBL													
CALM												10.9	
	11.9	27.0	34.3	14.1	1.5	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

2248

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

43-46.52-76

YEARS

FEB

MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.9	1.6	.4								5.1	6.3
NNE	.4	1.7	1.3	.4								3.8	6.9
NE	.7	1.0	1.8	.4								3.9	7.0
ENE	.3	1.4	1.8	.5	.1							4.1	7.6
E	.7	1.7	1.6	.4	.1	.0						4.5	7.1
ESE	.4	1.2	.9	.3	.0							2.7	7.2
SE	.2	.8	1.1	.4								2.4	7.4
SSE	.2	1.3	1.6	.7	.0							3.8	8.0
S	.6	1.6	2.7	1.9	.6	.0	.0					7.5	9.6
SSW	.4	1.6	3.6	2.9	.5							9.0	9.8
SW	.6	1.3	2.5	1.7	.2	.0						6.4	8.8
WSW	.5	1.8	2.6	2.2	.3							7.4	9.1
W	1.0	1.7	3.4	2.7	.8	.1						9.7	9.5
WNW	1.0	2.6	3.9	2.9	.3							10.7	8.8
NW	.9	1.5	2.2	1.3	.1	.0						6.0	8.2
NNW	.9	1.9	2.3	1.1								6.2	7.2
VARBL													
CALM												6.7	
	10.0	24.9	34.9	20.2	2.9	.3	.0					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

2336

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOSTA STATION NAME 43-46.52-76 YEARS FEB MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.0	1.6	.6								4.7	6.9
NNE	.4	1.3	1.0	.1								2.8	6.2
NE	.5	1.2	1.7	.3								3.6	6.9
ENE	.7	1.7	1.5	.7								4.6	6.7
E	.8	1.7	1.2	.3	.1							3.7	7.0
ESE	.4	1.1	1.2	.2	.2							3.1	7.3
SE	.2	1.1	.7	.3								2.3	6.6
SSE	.5	.5	1.2	.3	.1							2.7	7.3
S	.6	1.3	2.2	1.5	.2	.0						5.9	8.9
SSW	.4	1.9	3.9	3.7	.3							10.1	9.7
SW	.8	1.8	2.4	1.5	.3	.1						7.0	8.5
WSW	.9	1.8	2.8	1.0	.1							6.7	7.7
W	1.0	2.8	5.2	2.8	.3	.0						12.3	8.8
WNW	.7	3.1	4.0	3.0	.5	.1						11.4	9.1
NW	.7	2.1	2.7	1.1	.1							6.7	7.6
NNW	.6	1.8	2.5	.7	.0							5.7	7.3
VARBL													
CALM												6.9	
	9.3	27.3	35.7	18.2	2.2	.3						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 2300

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOLLOY AFB GEORGIA/VALDOSTA

43-46, 52-76

YEARS

FEB
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.8	.9	.1								4.3	4.9
NNE	1.0	.6	.7	.2								2.4	5.4
NE	.8	1.4	1.4	.2								3.7	5.9
ENE	.9	1.7	1.4	.5								4.5	6.4
E	1.4	1.0	.2	.3								3.8	5.7
ESE	.6	.6	1.0	.3	.1							2.5	6.9
SE	.7	.4	.2									1.3	4.1
SSE	.6	.4	.3	.2		.1						1.5	6.3
S	1.3	1.6	1.8	.6	.3							5.5	7.1
SSW	1.4	2.9	4.2	1.3	.1							9.8	7.2
SW	1.6	2.2	2.0	.5	.1							6.4	6.2
WSW	1.0	1.9	1.4	.3	.2							4.7	6.4
W	1.9	2.7	1.8	.9	.1	.1						7.3	6.3
WNW	1.9	3.1	2.9	1.8	.2							9.9	7.3
NW	1.2	2.4	1.4	.5	.1							5.5	6.1
NNW	.7	1.3	1.2	.3								3.5	5.3
VARBL													
CALM												23.3	
	18.3	26.0	23.6	7.6	1.0	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

1975

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MIDDY AFB GEORGIA/VALDOSTA 43-46, 52-76 YEARS FEB MONTH 2100-2300 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.7	.5	.2								2.7	5.2
NNE	.4	.7	.5									1.6	5.7
NE	.7	1.1	1.3	.1								3.2	6.2
ENE	.9	1.4	1.6	.4								4.5	6.5
E	1.9	2.3	1.2	.5								5.9	5.6
ESE	.8	1.1	.8	.5								3.3	6.6
SE	.6	.5	.7	.2								2.0	6.3
SSE	.5	.6	.6	.3								2.0	6.6
S	.8	1.5	1.9	.3	.1							4.6	6.3
SSW	1.6	3.4	4.2	.7	.1							10.0	6.7
SW	1.4	3.1	2.2	.1	.1							6.8	5.9
WSW	1.6	2.2	1.3	.1								5.2	5.2
W	1.5	2.4	.9	.3	.1							5.3	5.8
WNW	1.4	1.6	2.5	1.2								6.6	7.4
NW	1.1	1.4	1.4	.5	.3							4.8	7.1
NNW	1.1	.9	.7	.3								2.9	5.7
VARBL													
CALM												28.5	
	17.4	25.0	22.6	5.9	.6	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

1467

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

43-45, 52-60, 74-75

YEARS

MAR
MONTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.1	.8	.3								3.1	6.3
NNE	.3	.6	.5	.3								1.8	7.5
NE	.9	.7	.3	.1								2.0	4.8
ENE	1.1	1.9	1.4	.1								4.4	5.5
E	1.5	3.1	1.3	.2								6.1	5.0
ESE	1.5	1.6	.9	.1								4.2	5.2
SE	1.4	1.7	.5	.2								3.7	4.9
SSE	.7	1.3	.6	.2								2.7	5.3
S	1.5	1.7	1.4	.5	.2							5.3	6.4
SSW	.7	2.0	2.1	.8	.1							5.9	8.0
SW	1.7	2.0	1.9	.3								5.9	6.0
WSW	1.2	1.7	.3	.3								3.6	5.3
W	1.2	2.3	.8	.2	.1							4.5	5.3
WNW	.3	1.2	1.2	.7	.1							3.5	8.0
NW	1.2	2.5	1.9	1.0								6.6	6.7
NNW	.4	1.4	1.8	.8	.1							4.4	7.9
VARBL													
CALM												32.3	
	16.5	26.8	17.6	6.1	.4	.1	.2					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

1179

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

43-45, 52-75

YEARS

MAR
MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.6	1.4	.2								5.7	5.4
NNE	1.1	1.4	1.1	.1								3.6	5.4
NE	.9	1.0	.9	.2								3.1	5.8
ENE	1.3	1.5	.7	.1								3.5	5.0
E	1.6	1.8	1.2	.1								4.7	5.1
ESE	1.3	1.6	.6	.2								3.7	5.0
SE	1.8	1.3	.5			.1						3.7	4.6
SSE	.9	1.4	.7	.1								3.0	5.2
S	1.9	1.4	1.3	.6								5.2	6.0
SSW	.7	1.4	1.6	.9	.2							4.7	7.8
SW	1.2	2.4	.9	.4	.1							5.0	5.8
WSW	.7	1.7	.7	.3	.1							3.4	6.0
W	.9	1.5	.7	.2	.2							3.5	6.3
WNW	.9	1.7	1.3	1.0	.1							5.0	7.6
NW	1.5	2.4	1.4	.4								5.7	5.7
NNW	.7	2.2	1.4	.7								5.0	6.8
VARBL													
CALM												31.3	
	18.7	27.2	16.3	5.7	.6	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

1608

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MUDDY AFB GEORGIA/VALDOSTA STATION NAME 43-45.52-75 YEARS MAR MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.5	2.0	.3								6.6	5.6
NNE	.7	2.0	1.1	.2								4.0	6.1
NE	1.3	1.3	1.4	.3								4.3	5.8
ENE	1.4	1.8	1.6	.2								5.1	5.7
E	1.8	2.3	1.2	.1	.1							5.5	5.2
ESE	.8	1.1	.8	.1	.0							2.9	5.7
SE	.8	1.2	.3	.1								2.5	5.2
SSE	1.5	1.6	1.1	.2								4.4	5.4
S	1.5	2.9	2.0	.8		.0						7.2	6.3
SSW	1.0	1.9	1.4	.7	.0							5.0	6.7
SW	1.1	1.6	1.3	.2	.1							4.2	6.1
WSW	.6	1.6	.7	.2								3.5	6.2
W	.8	1.8	.9	.6	.0							4.1	6.5
WNW	1.0	1.1	1.5	1.3	.1							5.1	7.9
NW	1.2	2.3	1.6	.6	.1							5.7	6.5
NNW	1.1	1.7	1.2	.5	.0							4.5	6.4
VARBL													
CALM												25.0	
	18.2	28.6	20.3	6.8	.6	.0						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

2171

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

43-45.52-75

YEARS

MAR
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.1	2.8	.6								6.2	7.2
NNE	.7	1.7	2.0	.4								4.7	6.8
NE	.7	1.5	2.2	.6	.0							5.0	7.3
ENE	.5	1.7	2.5	.6	.0							5.3	7.3
E	.8	1.6	3.0	.4	.1							5.9	7.3
ESE	.6	1.6	1.6	.6	.0							4.4	7.2
SE	.5	1.4	1.2	.6								3.8	7.4
SSE	.4	1.3	1.6	.5	.1							3.8	7.6
S	.5	2.2	3.6	2.0	.5							8.8	9.0
SSW	.6	2.2	3.3	2.3	.1	.0						8.5	8.7
SW	.7	1.5	2.4	.9	.0							5.6	7.9
WSW	.7	1.0	1.8	.8	.1	.0						4.4	8.3
W	.7	.8	2.3	1.4	.2							5.5	8.8
WNW	.4	1.1	2.5	2.0	.4	.0						6.4	10.0
NW	.7	1.5	2.1	1.8	.2							6.3	8.7
NNW	.9	1.8	2.7	1.1	.0							6.6	7.6
VARBL													
CALM												8.8	
	9.9	25.1	37.7	16.4	2.0	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

2305

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MUDDY AFB GEORGIA/VALDOSTA 43-45.52-75 YEARS MAR MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.5	1.5	.3								4.2	6.1
NNE	.6	1.4	1.4	.1								3.5	6.2
NE	.7	1.1	1.4	.3								3.5	6.4
ENE	.4	1.5	1.4	.5	.0							3.8	7.2
E	.7	1.8	1.8	.5	.0							4.8	6.9
ESE	.5	1.0	1.6	.5								3.5	7.3
SE	.3	1.1	1.2	.7	.0							3.4	7.9
SSE	.3	1.2	1.9	.8	.1							4.3	8.1
S	.9	1.8	2.9	2.1	.4	.0						8.2	9.0
SSW	.8	1.7	3.6	3.5	.6	.1						10.3	9.9
SW	.6	1.5	3.0	1.6	.4	.1						7.2	9.3
WSW	.5	1.5	3.1	2.0	.2	.1						7.4	9.3
W	.7	1.4	2.9	2.7	.3	.3						8.0	9.5
WNW	.4	1.2	3.4	3.1	.6	.0						8.7	10.5
NW	.7	1.7	2.0	2.0	.1	.1						6.4	8.8
NNW	.3	1.7	2.4	1.1	.1	.1						5.6	8.2
VARBL													
CALM												7.2	
	9.2	23.0	35.8	21.5	3.0	.4						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

2413

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOSTA STATION NAME 43-45, 52-75 YEARS MAR MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	.8	.3	.0							3.6	6.2
NNE	.7	1.1	.7	.0								2.6	5.4
NE	.2	1.3	1.2	.3								3.0	7.0
ENE	.4	.9	1.5	.3	.0							3.1	7.1
E	.8	1.9	1.7	.7	.0							5.1	7.1
ESE	.5	1.3	1.1	.7	.1							3.7	7.8
SE	.8	.9	1.1	.4	.1							3.2	7.0
SSE	.6	1.0	1.0	.3	.0							2.9	6.3
S	.8	2.2	3.0	1.6	.3	.0						7.9	8.4
SSW	.5	1.7	4.6	4.3	.8	.3						12.1	10.4
SW	.5	1.6	3.1	2.1	.4	.1						7.7	9.4
WSW	.5	1.6	2.7	1.3	.5							6.7	8.9
W	.6	1.1	3.9	2.7	.3	.0						8.7	9.8
WNW	.6	1.2	3.0	3.9	.3							9.1	10.2
NW	.7	2.2	2.7	1.7	.2							7.5	8.5
NNW	.5	1.8	1.8	1.6	.2							5.9	8.7
VARBL													
CALM												7.4	
	9.1	23.6	34.0	22.2	3.4	.4						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

2368

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

43-45.52-75

YEARS

MAR
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.3	.5	.2								2.8	5.4
NNE	.8	.9	.7									2.4	5.2
NE	.4	1.1	.7	.1								2.4	5.6
ENE	1.3	1.3	.8	.3								3.7	5.6
E	1.4	2.1	1.3	.6								5.3	5.9
ESE	1.0	1.7	1.1	.5								4.4	6.2
SE	.4	.3	.8	.4	.1							2.1	8.2
SSE	.4	.4	.2	.0								1.1	4.8
S	.8	1.4	1.6	.8	.2							4.9	7.9
SSW	1.3	2.9	5.4	2.7	.0							12.3	8.2
SW	1.1	2.8	2.8	1.7	.1							8.4	7.6
WSW	1.2	1.7	1.6	.7								5.3	6.5
W	1.1	2.3	2.7	.6								6.6	6.7
WNW	.9	2.4	2.4	1.0	.1	.0						6.8	7.2
NW	1.3	2.8	2.1	.9	.1							7.2	6.8
NNW	1.3	1.6	1.4	.4								4.7	6.0
VARBL													
CALM												19.6	
	15.5	27.1	26.1	11.0	.7	.0						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

2036

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MUDDY AFB GEORGIA/VALDOSTA
STATION NAME

43-45.52-75
YEARS

MAR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.9	.5	.1								2.4	5.1
NNE	.5	.4	.6	.1								1.6	6.0
NE	.7	1.0	.5									2.2	5.2
ENE	.7	1.1	1.7	.7								4.1	7.4
E	.7	2.8	2.2	.5								6.2	6.5
ESE	.9	2.4	1.8	.5								5.7	6.6
SE	.9	1.4	.7	.2								3.3	5.4
SSE	.8	1.1	.1	.1	.1							2.2	5.2
S	1.2	1.8	.7	.3	.1	.1						4.2	6.3
SSW	2.2	4.0	3.6	1.2	.1	.1						11.2	6.7
SW	2.0	3.3	2.3	.5	.1							8.1	5.9
WSW	1.6	1.7	.9	.4								4.6	5.6
W	2.3	2.0	.8	.3								5.5	5.2
WNW	1.0	1.9	.7	.4								4.0	5.8
NW	1.0	1.3	2.0	.7	.1							5.1	7.1
NNW	1.2	1.9	.8	.3								4.2	5.5
VARBL													
CALM												25.3	
	18.6	29.0	20.0	6.5	.4	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

1484

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-46, 52-61, 73, 75

YEARS

APR

MONTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.8	.4									2.2	4.4
NNE	.4	.3	.7	.1								1.6	6.3
NE	1.0	.7	.3	.1								2.1	4.7
ENE	1.8	1.3	.7									3.8	4.4
E	2.9	2.3	1.3									6.5	4.6
ESE	1.4	1.8	.7	.1								4.1	4.9
SE	2.3	2.9	1.1	.1								6.5	4.9
SSE	1.0	1.8	.5	.4								3.6	5.5
S	1.2	.9	1.0	.2	.1							3.4	6.0
SSW	1.5	1.5	1.4	.3	.1							4.8	6.0
SW	2.2	2.3	1.0	.5	.1							6.1	5.6
WSW	1.6	2.0	.8	.3								4.7	5.4
W	1.9	2.4	.4	.1								4.8	4.4
WNW	1.0	1.1	1.0	.5								3.6	6.3
NW	1.9	1.4	1.4	.4								5.1	5.6
NNW	.6	1.1	.9	.1	.1							2.8	6.4
VARBL												34.1	
CALM												100.0	3.5
	23.7	24.5	13.8	3.4	.5								

TOTAL NUMBER OF OBSERVATIONS

1353

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13057
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-46.52-75

YEARS

APR
MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.2	.7	.1								3.3	4.7
NNE	1.0	.8	.5	.4								2.7	5.6
NE	1.0	1.1	.4	.2								2.7	4.8
ENE	1.2	1.0	.7									2.9	4.8
E	2.4	2.4	.6									5.4	4.0
ESE	1.1	1.2	.6	.1								3.0	5.0
SE	2.2	1.5	1.0	.2	.2							5.0	5.3
SSE	1.3	1.5	.7	.2	.1							3.8	5.5
S	1.5	1.1	1.1	.5	.1							4.2	6.0
SSW	.7	.7	1.4	.2								2.9	6.6
SW	1.6	1.9	.8	.4	.1							4.8	5.4
WSW	1.5	2.3	1.2	.1								5.2	5.0
W	2.2	2.6	.7	.2								5.6	4.8
WNW	1.0	1.1	1.0	.2								3.3	5.9
NW	1.2	1.5	1.2	.2								4.2	5.6
NNW	1.2	1.4	1.0	.2								3.9	5.5
VARBL													
CALM												37.0	
	22.5	23.7	13.4	3.1	.3							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

1765

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 13857 MOODY AFB GEORGIA/VALDOSTA STATION NAME 42-46.52-75 YEARS APR MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.5	1.4	.2								4.3	5.7
NNE	.9	1.5	1.1	.5								4.1	6.2
NE	1.7	1.5	1.0	.2	.0							3.9	5.7
ENE	.6	2.4	1.3	.1								4.4	5.7
E	2.1	2.4	1.4	.2								6.1	5.2
ESE	1.5	1.6	.6	.2								4.0	4.8
SE	1.4	1.6	.9	.2	.1							4.2	5.5
SSE	.9	1.8	1.3	.3	.1							4.5	6.4
S	1.5	1.7	1.8	.6	.0							5.7	6.3
SSW	.8	1.5	1.4	.4	.0							4.1	6.6
SW	1.3	1.8	1.3	.3								4.7	5.6
WSW	1.4	1.8	1.2	.2								4.7	5.3
W	1.4	2.1	1.2	.3	.0							5.0	5.7
WNW	1.4	1.8	1.2	.2	.0							4.6	5.6
NW	1.2	1.8	1.7	.4	.0							5.1	6.4
NNW	1.1	1.5	1.3	.3								4.2	6.0
VARBL													
CALM												26.5	
	19.9	28.4	20.3	4.4	.5							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 2276

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MUDDY AFB GEORGIA/VALDOSTA STATION NAME 62-46,52-75 YEARS APR MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.2	2.2	.4								4.5	7.0
NNE	.6	.8	1.9	.5								3.8	7.2
NE	.5	1.6	1.5	.4								4.1	6.7
ENE	.6	1.6	2.4	.4								4.9	6.9
E	.9	2.0	2.9	.7	.0							6.4	7.2
ESE	.6	1.2	2.3	.5	.1							4.7	7.7
SE	.6	1.1	1.9	.6	.1							4.3	7.5
SSE	.7	1.7	3.0	1.0	.1							6.6	7.8
S	1.5	2.4	3.4	2.3	.2							9.8	8.2
SSW	.9	2.1	2.3	1.6	.5	.0						7.7	8.6
SW	.8	1.9	2.3	.8								5.7	7.0
WSW	.7	1.8	2.7	1.0	.1							6.3	7.8
W	1.3	1.3	3.0	.7	.1							6.5	7.3
WNW	.7	1.0	2.6	1.2	.0							5.6	8.3
NW	.7	1.3	2.4	1.2	.0							5.6	8.0
NNW	.8	1.7	1.7	.7	.0							4.9	6.9
VARBL													
CALM												8.6	
	12.7	24.8	38.6	13.8	1.4	.0						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2410

DATA PROCESSING BRANCH
ETAC, -SAF
AIR WEATHER SERVICE/MAC

JRFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOSTA 42-46.52-75 YEARS APR MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.6	2.0	.5								4.7	6.8
NNE	.4	.8	1.5	.2								3.0	6.9
NF	.5	.9	1.6	.4								3.3	7.2
ENE	.5	1.4	.8	.5								4.3	7.1
E	1.0	1.8	3.0	.5	.1							6.3	7.3
ESE	.4	1.9	2.2	.8								5.2	7.5
SE	.7	1.5	1.6	.5	.1							4.3	7.0
SSE	.6	1.4	1.7	.6	.2							4.7	7.6
S	.8	2.4	3.5	1.4	.2							8.3	8.1
SSW	.5	1.6	3.2	1.8	.8	.1						8.0	9.9
SW	.9	1.6	3.6	1.7	.3							8.1	8.6
WSW	.8	1.8	3.2	1.6	.2	.0						7.7	8.3
W	.8	2.0	3.9	1.9	.1							8.7	8.4
WNW	.4	1.4	2.9	1.6	.0							6.3	8.7
NW	.6	1.2	2.6	1.2	.0							5.6	8.2
NNW	.4	1.4	2.2	.8	.0							4.9	7.7
VARBL													
CALM												6.4	
	10.2	24.8	40.3	15.9	2.2	.2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 2506

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION 42-46, 52-75 YEARS APR MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	.7	1.5	.3								2.5	6.7
NNE	.4	.8	1.0	.3	.0							2.5	7.2
NE	.5	1.1	1.3	.5								3.4	7.1
ENE	.6	1.0	1.3	.3								3.3	7.0
E	.8	2.1	2.5	.6								6.2	7.1
ESE	.6	1.5	2.3	1.1	.0							5.6	7.7
SE	.6	1.6	1.8	.4	.0							4.5	6.9
SSE	.6	1.6	1.5	.4	.0							4.2	6.8
S	.7	2.1	2.6	1.1	.0							6.5	7.5
SSW	.7	1.9	3.6	3.0	.4							9.8	9.6
SW	.8	1.8	4.0	2.5	.2	.1	.0					9.5	9.0
WSW	.6	1.7	3.0	1.5	.1		.0					6.9	8.4
W	.6	3.0	3.4	1.6	.2							8.8	8.2
WNW	.5	1.7	3.5	1.4	.1							7.5	8.8
NW	.6	1.2	3.6	1.4								6.8	8.2
NNW	.5	1.6	2.1	.8	.0	.0						5.0	7.7
VARBL													
CALM												6.1	
	10.3	25.3	39.0	17.6	1.3	.2	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

2474

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MUDDY AFB GEORGIA/VALDDSTA 42-46.52-75 YEARS APR MONTH

1800-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.0	.8	.2	.0							2.7	6.5
NNE	.6	.6	.6	.1								1.8	5.7
NE	.7	1.2	.6	.1								2.7	5.5
ENE	1.3	1.1	.9	.3	.0							3.6	5.8
E	1.7	2.8	1.8	.9	.0							6.8	6.0
ESE	.9	2.0	3.0	.6	.0							6.5	7.0
SE	1.0	.8	1.0	.2								3.0	5.8
SSE	.8	1.1	.7	.2								2.8	5.7
S	1.0	1.6	1.4	.2	.0							4.2	6.1
SSW	1.2	3.6	4.4	1.7	.3							11.3	7.7
SW	1.7	3.2	4.0	1.3	.1		.0					10.3	7.2
WSW	1.2	1.9	1.7	.5	.0							5.4	6.4
W	1.7	2.6	1.7	.2	.0							6.2	5.5
WNW	.9	2.5	1.3	.4								5.1	5.9
NW	1.7	1.7	2.1	.4								5.9	6.0
NNW	.7	1.2	1.2	.0								3.3	5.9
VARBL													
CALM												18.5	
	17.6	29.0	27.2	7.1	.7		.0					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2168

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOOSTA

STATION NAME

42-46.52-75

YEARS

APR
MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.7	.2	.1								1.8	4.7
NNE	.4	.4	.5	.1								1.3	6.1
NE	.8	.7	.2	.1								1.7	4.5
ENE	.8	1.2	1.1	.2								3.3	5.8
E	2.2	4.3	2.5	.3								9.2	5.4
ESE	1.1	2.8	2.5	.6	.1							7.1	6.6
SE	.7	1.6	1.1	.3	.1							3.7	6.5
SSE	.9	.8	.8	.2								2.8	5.8
S	1.7	1.5	1.0	.6	.1							4.9	6.1
SSW	2.2	4.5	2.8	.5	.2							10.3	6.1
SW	2.3	3.6	2.4	.7								9.0	5.8
WSW	1.3	2.6	1.0	.2	.1							5.1	5.5
W	1.7	1.1	.8	.1								3.7	4.8
WNW	.8	1.1	.9	.2								3.0	5.7
NW	1.8	1.4	.5	.2	.1							4.0	5.0
NNW	.8	.8	.9	.2								2.7	6.1
VARBL													
CALM												26.4	
	20.3	29.0	19.2	4.4	.6							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

1668

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MIDDY AFB GEORGIA/VALDONSTA 42-46, 52-60, 63-64, 68-71, 73-75 MAY
STATION NAME YEARS MONTH
0000-0200
HOURS (L.S.T.)

ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.3	.2									.9	4.6
NNE	.6	.1		.1								.9	4.2
NE	2.2	1.4	.4									4.0	3.9
ENE	1.6	1.6	.7	.2								4.2	4.8
E	4.2	2.2	.8	.1								7.3	4.0
ESE	2.3	2.0	1.0	.1								5.5	4.8
SE	2.9	2.1	1.2	.1								6.3	4.6
SSE	1.8	.9	.3	.1								3.1	4.0
S	2.6	2.4	.6	.1								5.8	4.4
SSW	2.1	1.6	.6									4.3	4.2
SW	2.3	1.9	.6	.2								5.0	4.6
WSW	2.1	1.6	.8									4.6	4.4
W	2.1	1.8	.4	.1								4.3	4.1
WNW	.8	1.0	.5	.1								2.4	5.3
NW	.5	.4	.4	.2								1.4	6.1
NNW	.6	.4	.1	.1								1.2	4.2
VARBL													
CALM												38.8	
	29.2	21.9	8.6	1.6								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 1406

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13057 STATION MOODY AFB GEORGIA/VALDOSTA STATION NAME 42-46, 52-75 YEARS MAY MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	.8	.6									2.9	4.4
NNE	1.0	.7	.3	.1								2.1	4.4
NE	1.2	1.6	.6	.1								3.4	4.7
ENE	2.3	2.0	.6	.1								5.0	4.2
E	2.5	1.9	.4									4.8	3.9
ESE	1.4	1.2	.5									3.1	4.2
SE	3.1	1.1	.5	.1								4.7	3.8
SSE	1.5	.8	.4	.1								2.8	4.4
S	3.4	1.5	.7	.3	.1							6.0	4.4
SSW	1.7	.8	.4	.1								3.0	4.5
SW	2.3	1.6	.6	.1								4.7	4.3
WSW	1.8	2.1	.4	.2								4.4	4.4
W	1.9	2.6	.7	.1								5.5	4.4
WNW	.7	.8	.7									2.2	5.2
NW	1.2	1.2	.5									2.9	4.6
NNW	1.2	.6	.3	.1								2.1	4.1
VARBL												40.5	
CALM												100.0	2.6

TOTAL NUMBER OF OBSERVATIONS

1952

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

42-46.52-75

YEARS

MAY
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.7	1.1	.2	.0							4.6	5.4
NNE	.7	1.7	.8	.2								3.4	5.5
NE	1.7	2.0	1.1	.2								4.9	5.3
ENE	1.1	2.2	1.5									4.8	5.5
E	2.0	2.2	.8	.0								5.1	4.7
ESE	1.7	1.6	.9	.0								4.3	4.6
SE	1.8	1.4	1.1	.0								4.3	4.7
SSE	1.7	1.1	1.1	.1								4.1	5.0
S	2.6	2.4	1.4	.2								6.6	5.0
SSW	1.3	1.7	1.0	.3								4.2	5.5
SW	1.4	1.5	.9	.3	.0							4.2	5.3
WSW	1.4	1.5	.9	.1								4.0	5.1
W	2.1	3.6	1.2	.1								7.0	4.9
WNW	.9	1.9	1.0	.0	.0							3.9	5.3
NW	1.1	1.7	.8	.1								3.7	5.0
NNW	1.1	1.3	.8	.2								3.3	5.2
VARBL												27.7	
CALM												100.0	3.7
	24.1	29.4	16.5	2.2	.1								

TOTAL NUMBER OF OBSERVATIONS

2353

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOSTA STATION NAME 42-46, 52-75 YEARS MAY MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.1	1.4	.4								5.0	6.0
NNE	.8	1.6	1.3	.4								4.1	6.3
NE	1.0	1.6	1.8	.3	.0							4.7	6.4
ENE	.7	1.9	2.4	.7	.0							5.7	6.9
E	1.1	2.0	3.0	.5								6.6	6.8
ESE	.6	1.2	2.1	.6								4.5	7.4
SE	1.4	1.4	1.2	.4								4.4	5.7
SSE	.9	1.7	1.9	.4								4.9	6.4
S	1.6	2.8	2.6	.7								7.7	6.4
SSW	1.1	1.8	2.2	1.0	.1							6.2	7.3
SW	1.4	3.0	1.5	.4	.0							6.3	5.9
WSW	.9	2.2	2.5	.7	.0							6.3	6.9
W	1.7	2.9	2.5	.4	.0							7.6	6.1
WNW	.9	2.6	2.4	.2	.0							6.2	6.4
NW	1.0	1.7	1.5	.4								4.6	6.2
NNW	.6	2.3	1.2	.3								4.4	6.1
VARBL													
CALM												10.9	
	16.8	32.9	31.3	7.9	.3							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

2504

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MUDDY AFB GEORGIA/VALDOSTA

STATION NAME

42-46.52-75

YEARS

MAY

MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.0	1.7	.2	.0							4.7	6.3
NNE	1.0	1.5	1.9	.3								4.7	6.4
NE	.5	1.2	2.3	.6								4.6	7.5
ENE	.8	1.9	2.3	.5	.0							5.6	6.8
E	1.1	3.1	3.0	.5	.0							7.8	6.6
ESE	.6	1.6	2.0	.5								4.7	7.0
SE	.7	1.5	1.3	.1								3.6	6.0
SSE	.7	1.2	1.0	.4		.0						3.4	6.6
S	1.3	1.7	2.0	1.0	.1							6.1	7.1
SSW	.8	1.7	2.6	1.0	.2							6.4	8.0
SW	.7	2.9	2.8	.9	.2							7.5	7.4
WSW	.9	3.1	3.2	.9	.1							8.2	7.2
W	1.1	3.0	4.5	1.0	.1							9.8	7.2
WNW	.6	2.6	2.3	.6	.0							6.2	6.9
NW	.7	2.2	2.3	.5	.0	.0						5.7	6.7
NNW	.8	1.4	1.3	.3	.1							3.9	6.8
VARBL													
CALM												7.1	
	13.3	32.6	36.5	9.6	1.0	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

2573

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOSTA 42-46.52-75 YEARS MAY
1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIP.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.4	1.2	.3	.0							4.0	6.1
NNE	.3	1.7	1.5	.4	.0							3.9	7.0
NE	.6	1.7	1.7	.8	.0							4.8	7.3
ENE	.4	2.0	2.5	.6	.0							5.4	7.3
E	1.3	2.4	3.0	.6	.1							7.4	6.8
ESE	.8	1.9	2.5	.6	.0							5.7	7.1
SE	.6	1.3	.9	.4	.0							3.4	6.8
SSE	.5	1.2	1.1	.5	.0							3.3	7.2
S	1.3	1.5	1.8	.7	.1							5.4	6.7
SSW	.9	2.2	1.9	.9	.0							5.9	7.1
SW	1.0	1.9	2.7	1.3	.1							7.0	7.7
WSW	.9	2.6	3.4	1.7	.1							8.8	7.9
W	1.3	2.8	4.5	.8	.0							9.4	7.1
WNW	.6	2.8	3.4	.8	.0							7.7	7.2
NW	.7	1.9	2.5	.5	.0							5.4	7.2
NNW	.5	1.4	2.1	.5	.0							4.5	7.3
VARBL													
CALM												7.8	
	12.5	30.7	36.9	11.2	.8	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2529

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13857
STATION

MIDDY AFB GEORGIA/VALDOSTA

STATION NAME

42-46.52-75

YEARS

MAY

MONTH

1800-2000
HOURS (L.M.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.2	.6	.0								2.8	5.1
NNE	.5	.7	.8	.1								2.1	6.0
NE	1.2	1.4	.8	.2	.0							3.5	5.4
ENE	1.0	1.7	1.8	.7								5.3	6.8
E	2.7	3.8	3.5	.7								10.6	6.0
ESE	1.3	2.5	1.7	.7	.1							6.4	6.3
SE	1.4	1.5	1.1	.2								4.2	5.3
SSE	.6	1.0	.5	.2								2.3	5.8
S	1.3	1.5	1.1	.2	.0							4.1	5.6
SSW	1.5	2.0	1.9	1.2								6.5	6.8
SW	1.6	2.9	2.4	.7								7.6	6.3
WSW	1.2	2.8	2.5	.2	.0							6.8	6.2
W	2.1	3.4	1.8	.0								7.3	5.1
WNW	.8	1.5	1.0	.3								3.5	6.0
NW	1.6	2.1	.7	.3								4.7	5.1
NNW	.8	1.2	.6	.2								2.8	5.4
VARBL												19.3	
CALM													
	20.6	31.0	22.9	5.9	.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

2172

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-46, 52-75

YEARS

MAY
MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.5	.1	.1	.1							1.5	4.8
NNE	.4	.4	.3	.1								1.1	5.2
NE	.7	.9	.2									1.8	4.3
ENE	.8	2.4	1.2	.3	.1							4.8	6.2
E	3.0	4.3	2.1	.4								9.8	5.1
ESE	2.3	3.4	2.4	.7								8.9	5.9
SE	1.9	2.0	1.9	.4								6.1	5.7
SSE	1.0	1.1	.6	.1								2.7	5.3
S	2.0	2.0	.8	.4								5.2	5.0
SSW	1.6	2.7	1.4	.1								5.7	5.2
SW	3.4	3.0	2.3	.4								9.0	5.0
WSW	2.1	1.5	1.1									4.8	4.6
W	1.7	1.5	.4		.1							3.7	4.4
WNW	.5	1.2	.4	.2								2.3	5.7
NW	1.2	.8	.5	.1								2.5	4.5
NNW	.9	.2	.2	.1								1.4	4.6
VARBL													
CALM												28.7	
	24.2	27.9	15.9	3.1	.2							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

1683

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

42-46.52-62.65-66.69-70.72-73.7

JUN
MONTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.1	.2									.7	4.7
NNE	.5	.6	.4	.2								1.6	6.0
NE	3.1	1.2	.8	.1								5.2	4.1
ENE	1.7	1.5	.9	.2								4.2	4.9
E	3.5	2.0	.5	.2								6.1	4.0
ESE	.9	1.1	.6									2.6	4.9
SE	2.7	1.3	.5									4.5	3.8
SSE	1.5	1.0	.8									3.0	4.8
S	3.4	2.0	1.2	.1								6.7	4.3
SSW	1.7	1.6	1.2									4.5	5.0
SW	3.2	4.2	1.2	.2								8.8	4.7
WSW	2.1	2.4	.7	.2								5.3	4.8
W	1.4	2.1	.5	.2								4.1	4.7
WNW	.8	1.4	.3	.1								2.6	4.7
NW	.7	.2	.1									.9	3.5
NNW	.2	.4	.1	.2								.8	6.4
VARBL													
CALM												34.3	
	27.4	23.1	9.9	1.3								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

1319

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

JUN
MONT
0300-0500
HOURS (L.S.T.)

42-46.52-75

YEARS

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

13857
STATION

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	.5	.1	.1								1.6	3.7
NNE	.7	.7	.6	.1								2.2	5.3
NE	2.6	2.8	1.1	.2								6.7	4.7
ENE	2.2	1.8	.4	.3								4.7	4.5
E	3.2	1.7	.3	.2								5.3	3.8
ESE	1.7	1.1	.2	.2								3.1	4.1
SE	1.1	.6	.1									1.8	3.5
SSE	1.4	.7	.4									2.6	4.1
S	2.9	1.3	.3		.1							4.5	3.6
SSW	1.7	1.1	.6	.1								3.5	4.3
SW	3.1	2.3	.7	.1								6.3	4.3
WSW	2.8	3.4	.8	.3								7.0	4.4
W	1.4	2.7	.6	.2								5.0	4.9
WNW	.6	1.0	.2	.1								1.7	4.3
NW	.7	.5	.2	.2								1.6	4.8
NNW	.4	.5	.2	.2								1.1	4.6
VARBL												41.2	
CALM												100.0	2.5
	27.6	22.9	6.7	1.5	.1								
TOTAL NUMBER OF OBSERVATIONS													1874

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-46,52-75

YEARS

JUN
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.8	.5	.3								2.6	4.3
NNE	1.0	1.4	.8	.3								3.5	5.5
NE	1.7	2.4	2.0	.2								6.3	5.6
ENE	1.6	2.6	1.1	.4								5.7	5.4
E	2.8	3.5	.5	.4								7.2	4.5
ESE	1.9	1.4	.7	.1								4.1	4.4
SE	1.4	1.2	.7	.1								3.5	4.9
SSE	.9	1.2	.5	.0								2.8	4.8
S	3.1	1.4	.5	.1								5.1	3.7
SSW	2.0	1.4	.4	.1								3.9	4.1
SW	1.4	1.9	.7	.1								4.0	5.0
WSW	2.0	3.2	1.7	.1								7.1	5.1
W	2.3	4.0	2.3	.3								8.7	5.3
WNW	1.3	2.0	.5	.0								3.8	4.6
NW	1.2	1.3	.6	.0								3.1	4.7
NNW	.4	.8	.4									1.6	4.7
VARBL													
CALM												27.2	
	26.2	30.6	13.7	2.4								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

2253

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MUDDY AFB GEORGIA/VALDOSTA
STATION NAME

42-46.52-75
YEARS

JUN
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.5	.8	.0								3.5	5.1
NNE	.8	1.1	1.3	.2								3.4	6.1
NE	1.0	2.2	2.0	.3	.0							5.5	6.3
ENE	1.1	2.3	3.4	.6								7.4	6.9
E	2.2	3.4	2.5	.5	.0							8.6	5.9
ESE	1.1	2.3	1.1	.2								4.7	5.5
SE	.8	1.1	1.1	.1								3.1	5.9
SSE	1.0	1.2	.9	.4	.0	.0						3.6	6.3
S	1.6	1.8	1.1	.2	.0							4.8	5.3
SSW	1.3	2.1	.9	.1								4.4	5.2
SW	1.9	2.9	1.5	.3								6.5	5.3
WSW	2.1	3.6	2.0	.8	.1							8.6	6.0
W	2.8	4.5	3.1	.7								11.1	5.7
WNW	1.5	2.3	2.2	.3								6.3	5.9
NW	1.3	2.7	.9	.0		.0						5.0	5.1
NNW	.9	1.8	.8									3.5	4.9
VARBL													
CALM												10.0	
	22.6	36.7	25.5	4.8	.3	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

2398

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOSTA STATION NAME 42-46.52-75 YEARS JUN MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.8	.9	.2								4.2	5.3
NNE	.7	2.2	2.0	.4								5.3	6.6
NE	1.2	2.1	2.5	.2	.0							6.1	6.5
ENE	1.0	2.8	3.0	.8	.0							7.7	7.0
E	1.3	3.3	3.4	.5	.0							8.5	6.4
ESE	.7	1.5	1.5	.4	.0							4.2	6.8
SE	.8	1.1	1.2	.2								3.4	6.3
SSE	.7	.9	.9	.1	.1	.0						2.6	6.7
S	1.5	1.7	.8	.8	.0							4.8	6.2
SSW	.6	2.2	2.1	.2	.1	.1						5.2	6.8
SW	1.2	2.3	2.4	.3	.0							6.3	6.4
WSW	1.2	3.0	3.2	.6	.1							8.1	6.6
W	1.8	3.7	3.4	1.1	.1	.0						10.1	6.8
WNW	1.6	2.4	2.8	.6	.1							7.4	6.6
NW	1.4	2.4	1.7	.2	.0							5.7	5.6
NNW	.7	1.4	1.0	.1								3.3	5.6
VARBL												7.2	
CALM												100.0	6.0
	17.5	34.7	32.8	6.9	.7	.2							

TOTAL NUMBER OF OBSERVATIONS

2460

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 13857 MOODY AFB GEORGIA/VALDOSTA STATION NAME 42-46.52-75 YEARS JUN MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	1.5	.2	.1							4.7	6.2
NNE	1.0	1.8	1.5	.3	.1							4.7	6.5
NE	.7	1.7	1.9	.7	.1							5.1	7.2
ENE	1.0	2.1	3.1	1.2	.0							7.5	7.6
E	1.4	3.2	3.5	.6								8.8	6.7
ESE	.9	2.2	2.0	.5	.1							5.7	6.8
SE	.6	1.0	1.1	.6	.0							3.3	7.6
SSE	.5	.8	1.3	.4		.1						3.1	7.9
S	.7	2.0	1.6	.7	.1	.0						5.1	7.2
SSW	.4	2.1	3.3	.9	.1							6.7	7.7
SW	.7	1.8	2.5	.6	.1							5.7	7.3
WSW	.9	2.6	3.1	.8	.1							7.6	7.1
W	1.3	3.6	3.5	1.0	.1							9.4	6.9
WNW	1.0	2.8	2.1	.8								6.6	6.5
NW	1.0	2.3	1.5	.1								5.0	5.6
NNW	.7	1.3	1.1	.3	.0							3.5	6.3
VARBL													
CALM												7.5	
	13.8	33.3	34.4	4.8	1.0	.2						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2387

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-46, 52-75

YEARS

JUN
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.2	.6	.0								2.9	4.8
NNE	.8	1.4	.8	.1								3.1	5.3
NE	1.2	1.4	1.3	.3								4.2	5.9
ENE	2.0	2.4	1.5	.2								6.2	5.4
E	2.9	4.1	2.7	.8	.2							10.8	6.0
ESE	1.3	1.9	2.2	.3	.2							6.2	6.9
SE	.8	1.9	1.5	.4	.0							4.7	6.5
SSE	.7	1.2	.7	.3	.0							3.1	6.3
S	2.0	2.5	1.9	.4	.0							6.8	5.6
SSW	1.1	2.2	2.1	.7								6.1	6.7
SW	1.5	4.1	2.4	.7								8.6	6.1
WSW	1.0	2.2	1.8	.4								5.4	6.0
W	1.6	2.8	1.4	.3								6.0	5.4
WNW	1.6	1.9	1.0	.2								4.7	5.2
NW	.9	1.1	.3	.0	.0							2.4	5.0
NNW	.7	1.0	.3	.0								2.1	4.7
VARBL													
CALM												16.8	
	21.1	33.4	22.4	5.6	.5	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

2064

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

42-46, 52-75

YEARS

JUN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	.4									1.1	5.1
NNE	.6	.2	.6									1.4	5.4
NE	1.1	1.1	.9	.1								3.2	5.0
ENE	2.0	2.3	.8	.3								5.4	4.9
E	4.7	3.4	.8	.3	.1							9.3	4.4
ESE	1.8	2.8	1.4	.3								6.3	5.2
SE	2.2	2.1	.9	.1								5.3	4.6
SSE	1.8	1.1	1.2	.3								4.4	5.4
S	3.2	3.0	1.1	.3								7.6	4.7
SSW	2.6	3.3	1.4	.2								7.5	5.0
SW	2.7	4.2	1.4	.3								8.7	5.0
WSW	.8	3.1	1.2	.1								5.2	5.5
W	1.7	1.9	.4	.1								4.1	4.5
WNW	.3	.5	.1									.8	4.5
NW	.4	.3										.7	3.3
NNW	.2	.1	.2									.5	5.6
VARBL													
CALM												28.4	
	26.5	29.9	12.8	2.3	.1	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

1595

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-45, 51-60, 62, 64-66, 68-75

YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.3										.6	3.2
NNE	.8	.4	.1									1.3	4.1
NE	1.6	1.3	.3									3.2	3.7
ENE	2.4	1.4	.6	.1								4.4	4.2
E	3.1	1.8	.4									5.2	3.7
ESE	2.0	.8	.2									3.0	3.5
SE	2.1	1.1	.3									3.5	3.7
SSE	2.7	.6	.1									3.4	3.4
S	3.9	1.5	.6	.1								6.0	3.7
SSW	3.7	2.4	.7									6.8	3.9
SW	4.3	2.4	.9									7.6	4.0
WSW	2.7	2.6	.3	.1								5.6	4.1
W	1.3	1.5	.1									2.9	3.9
WNW	.4	.5										.9	3.5
NW	.3	.4	.1									.7	4.1
NNW	.1	.1										.2	3.7
VARBL													
CALM												44.5	
	31.7	18.9	4.6	.2								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

1424

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-45.51-75

YEARS

JUL

MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.3										.9	3.0
NNE	.5	.8	.4									1.7	4.8
NE	2.2	.8	.5									3.5	3.7
ENE	1.8	1.0	.4	.1								3.2	3.9
E	3.2	1.6	.3									5.2	3.4
ESE	1.3	1.2	.2	.1								2.7	4.2
SE	1.9	1.0	.1									2.9	3.4
SSE	1.2	.9	.1									2.1	3.5
S	3.5	1.4	.3									5.2	3.3
SSW	2.7	1.3	.5									4.4	3.7
SW	4.3	1.9	.4									6.6	3.6
WSW	3.7	3.0	.4									7.1	3.8
W	2.5	2.2	.5									5.2	4.1
WNW	.5	.6	.1									1.1	4.2
NW	.7	.1										.8	2.8
NNW	.3	.2										.5	3.2
VARBL													
CALM												47.1	
	30.9	17.9	3.9	.2								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS

1978

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB G-URGIA/VALDOSTA

STATION NAME

42-45.51-75

YEARS

JUL
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.6										1.2	3.4
NNE	1.2	.6	.3	.1								2.2	4.3
NE	1.9	1.7	.6	.1								4.2	4.3
ENE	1.8	1.5	.8	.1	.0							4.1	4.8
E	2.3	2.6	.6									5.5	4.1
ESE	1.8	1.4	.5	.1								3.8	4.3
SE	1.2	1.2	.4									2.8	4.1
SSE	1.5	1.1	.3									2.9	4.0
S	2.9	2.6	.5	.0								6.0	3.9
SSW	2.7	2.3	.3	.1								5.3	3.9
SW	2.5	2.3	.7									5.5	4.4
WSW	3.1	3.9	1.2	.1								8.3	4.6
W	2.4	3.9	1.1	.0								7.5	4.6
WNW	.8	1.5	.7									3.0	4.9
NW	1.2	1.2	.0									2.4	3.8
NNW	.5	.7	.2									1.4	4.5
VARBL													
CALM												33.7	
	28.4	28.9	8.3	.6	.0							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

2339

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

42-45, 51-75

YEARS

JUL
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	.3									2.5	4.0
NNE	1.3	1.0	.5									2.8	4.3
NE	.8	1.5	1.0	.2								3.6	5.8
ENE	.8	1.6	1.7	.3								4.4	6.5
E	1.5	2.5	1.3	.2								5.5	5.4
ESE	1.2	1.6	1.0	.1								3.8	5.2
SE	1.0	2.1	.7									3.8	4.9
SSE	.9	1.7	.7	.2	.1							3.6	5.8
S	2.1	2.7	.9	.1								5.8	4.9
SSW	2.2	2.7	1.3	.1								6.3	4.9
SW	1.9	3.8	1.8	.3								7.8	5.4
WSW	2.2	4.6	3.1	.4								10.3	5.7
W	2.7	4.8	3.7	.4								11.6	5.7
WNW	1.8	3.4	2.1	.0								7.4	5.2
NW	1.2	1.7	.5									3.4	4.6
NNW	.6	1.0	.3	.0								1.9	4.7
VARBL													
CALM												15.4	
	23.4	37.7	21.0	2.5	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

2482

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-45, 51-75

YEARS

JUL
MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.3	.6									3.0	4.6
NNE	1.3	1.3	.8	.1								3.5	4.9
NE	.9	1.4	1.5	.4								4.1	6.4
ENE	1.1	1.6	1.5	.8								5.0	6.6
E	1.3	2.1	1.3	.6	.0							5.4	6.3
ESE	.7	1.3	.9	.2								3.1	5.8
SE	.4	1.1	.4	.1								2.0	5.4
SSE	.6	1.7	1.1	.3	.0							3.6	6.4
S	1.3	2.8	2.6	.6	.0							7.4	6.3
SSW	1.5	3.8	3.0	.6	.2							9.1	6.5
SW	1.2	4.1	3.0	.5								8.7	6.2
WSW	1.6	4.9	4.3	.7	.0	.0						11.6	6.6
W	2.2	4.6	3.6	.5								11.0	6.0
WNW	1.1	3.0	2.1	.3								6.5	5.9
NW	1.0	1.3	1.0	.2								3.5	5.6
NNW	1.0	1.3	.7	.0								3.1	4.9
VARBL													
CALM												9.6	
	18.3	37.5	28.4	5.9	.4	.0						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

2542

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

42-45, 51-75

YEARS

JUL
MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.3	.6	.1								2.5	5.7
NNE	.3	1.1	1.2	.0								2.6	6.5
NE	.8	1.5	1.4	.2								3.9	6.0
ENE	.4	1.7	1.7	.5	.1		.0					4.5	7.5
E	.8	2.7	2.0	.7	.0							6.3	6.7
ESE	.7	1.4	1.3	.2	.0							3.6	6.2
SE	.5	.8	1.0	.3	.0	.0						2.7	7.2
SSE	.8	1.3	1.3	.4		.0						3.9	6.7
S	1.3	3.4	3.2	1.1	.2							9.1	7.1
SSW	1.2	3.6	4.6	1.0	.1	.1	.0					10.5	7.2
SW	1.1	3.2	4.4	.8	.1							9.7	7.1
WSW	1.5	4.4	4.8	1.1	.0							11.8	6.8
W	1.5	3.4	3.6	.9	.0	.0	.0					9.7	6.8
WNW	.7	2.0	1.5	.3								4.5	6.2
NW	.8	1.5	1.1	.0								3.5	5.5
NNW	.4	1.3	.6	.0	.0	.0						2.4	5.9
VARBL													
CALM												8.8	
	13.4	34.8	34.2	7.9	.7	.2	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

2476

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOSTA 42-45, 51-75 YEARS JUL NORTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	.3	.0								1.8	4.6
NNE	.6	.8	.6	.1								2.2	5.8
NE	1.0	1.1	.6	.2		.0						2.9	5.7
ENE	.9	1.9	.8	.4	.1							4.0	6.1
E	1.6	3.0	1.7	.5	.0	.0						6.9	5.8
ESE	1.1	2.0	1.4	.4								4.9	5.9
SE	.9	1.5	1.0	.2	.0							3.7	5.8
SSE	1.3	2.0	1.4	.1								4.7	5.5
S	2.1	3.5	2.0	.3	.1	.0						8.1	5.6
SSW	2.2	5.4	2.7	.4								10.7	5.5
SW	2.7	5.1	3.3	.4								11.5	5.5
WSW	1.6	3.8	1.9	.5								7.8	5.7
W	1.9	2.7	2.1	.2								6.9	5.5
WNW	.7	1.3	.6	.1								2.8	5.4
NW	.9	.7	.6	.2	.0							2.4	5.7
NNW	.4	.7	.5	.1	.0							1.7	6.3
VARBL												17.0	
CALM												100.0	4.7
	20.6	36.2	21.5	4.2	.4	.1							

TOTAL NUMBER OF OBSERVATIONS 2179

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-45.51-75

YEARS

JUL

MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.5	.1									1.1	4.0
NNE	.4	.0	.4									1.4	5.3
NE	1.2	.7	.3									2.2	4.2
ENE	1.2	2.2	.5	.1								3.9	4.7
E	2.0	2.1	.8	.1								5.1	4.5
ESE	2.1	2.0	.6	.1								4.8	4.3
SE	2.1	1.5	.8									4.5	4.2
SSE	2.3	1.9	.8	.1								5.0	4.5
S	3.8	3.2	1.0									8.0	4.2
SSW	4.1	4.8	1.2									10.1	4.3
SW	3.7	3.8	1.8	.1								9.3	4.5
WSW	2.3	2.3	1.1	.1								5.8	4.6
W	1.4	1.5	.3									3.2	4.2
WNW	.7	.6	.2									1.6	4.6
NW	.5	.5	.2									1.1	4.3
NNW	.4	.2	.1									.7	4.0
VARBL													
CALM												32.4	
	28.8	28.2	10.2	.5								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

1770

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-45,51-60,63,66,69,73-75

TEARS

AUG

MONTH

0000-0200
HOURS (L.R.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.6	.2									1.8	3.8
NNE	1.1	1.3	.8									3.3	4.9
NE	2.3	1.5	.8									4.6	4.3
ENE	1.8	2.1	1.2	.1								5.2	4.9
E	1.8	1.6	.4									3.9	3.9
ESE	1.9	1.0	.2									3.1	3.5
SE	2.6	1.3	.1									4.0	3.4
SSE	1.9	.9	.4									3.3	3.8
S	4.3	1.3	.1									5.7	3.2
SSW	2.6	1.5	.4									4.5	3.6
SW	3.8	2.3	.2									6.3	3.6
WSW	1.8	1.8	.7									4.3	4.3
W	1.3	.8										2.1	3.4
WNW	.4	.6										1.0	3.9
NW	.5	.3	.1									.9	3.8
NNW	.3	.2										.5	3.6
VARBL													
CALM												45.6	
	29.7	19.0	5.6	.1								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

1409

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

42-45, 51-70, 72-75
YEARS

AUG
MONTH

0300-0500
HOURS (L.R.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	.8	.3	.1								2.6	3.8
NNE	1.1	1.6	.8	.1								3.6	5.0
NE	2.1	2.2	.6	.1								4.9	4.2
ENE	2.4	2.2	.4									5.0	3.9
E	3.1	2.1	.2									5.3	3.5
ESE	1.2	.6	.1									1.8	3.2
SE	1.3	.8	.1									2.2	3.2
SSE	1.7	.7										2.1	3.1
S	3.5	1.6	.3									5.3	3.2
SSW	2.8	1.2	.2									4.1	3.2
SW	2.8	1.3	.1									4.2	3.4
WSW	2.3	1.8	.2									4.3	3.6
W	1.3	1.2	.2									2.7	3.8
WNW	.4	.9	.1	.1								1.4	4.4
NW	.6	.5	.1									1.2	4.0
NNW	.6	.4	.1									1.1	3.4
VARBL												47.9	
CALM												100.0	1.9
	28.8	19.7	3.4	.2									

TOTAL NUMBER OF OBSERVATIONS

1988

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-45, 51-70, 72-75

YEARS

AUG

MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.9	.3	.0								2.3	4.2
NNE	1.6	1.6	1.1	.5								4.6	5.5
NE	2.2	2.7	1.2	.2								6.3	4.9
ENE	2.2	2.5	.9	.0								5.7	4.4
E	3.3	2.2	.4	.1								5.9	3.7
ESE	1.9	1.2	.2									3.3	3.7
SE	2.0	.8	.1									2.9	3.3
SSE	1.5	.7	.0	.0								2.3	3.4
S	3.1	2.1	.2									5.4	3.5
SSW	1.9	1.4	.1									3.4	3.6
SW	2.5	2.0	.2									4.6	3.7
WSW	2.2	2.6	.5									5.4	4.2
W	2.4	2.0	.5									5.0	4.0
WNW	1.2	.7	.3	.1								2.3	4.3
NW	1.0	.8	.2									1.9	4.0
NNW	1.1	.7	.1									1.9	3.6
VARBL													
CALM												36.9	
	31.1	24.8	6.3	1.0								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS

2371

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45.51-70.72-75
YEARS

AUG
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.6	.4	.1								3.6	4.5
NNE	.9	2.2	1.0	.5								4.6	6.2
NE	1.1	1.9	2.2	1.0	.0							6.3	7.2
ENE	1.4	2.5	2.1	.7	.0							6.7	6.4
E	1.9	2.6	1.4	.6								6.5	5.7
ESE	1.5	1.5	.8	.1								3.9	4.7
SE	1.7	1.6	.7									4.1	4.2
SSE	1.3	1.4	.8	.1								3.6	4.9
S	2.4	2.8	1.0	.0								6.2	4.4
SSW	2.0	2.1	1.1	.1								5.3	4.7
SW	2.2	2.5	1.5	.1								6.3	5.1
WSW	1.9	2.7	2.0	.1								6.6	5.3
W	2.3	2.8	1.9	.1								7.0	5.1
WNW	1.2	2.1	1.3	.2								4.7	5.3
NW	1.7	1.3	.8									3.9	4.5
NNW	1.2	1.6	.3	.0								3.1	4.3
VARBL													
CALM												17.5	
	26.2	33.3	19.3	3.6	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

2487

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

42-45, 51-70, 72-75
YEARS

AUG
MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.9	1.7	1.2	0.2	0.0							4.0	5.9
NNE	1.0	1.9	1.2	0.4	0.1							4.5	6.2
NE	1.2	1.6	2.2	0.9	0.1							6.0	7.3
ENE	1.1	2.7	2.2	0.9		0.0						7.0	6.7
E	1.8	3.2	1.9	0.3								7.1	5.5
ESE	1.1	1.9	1.4	0.2	0.0							4.6	5.6
SE	1.5	1.6	0.6	0.1								3.8	4.8
SSE	1.6	1.6	0.8	0.2								4.1	4.9
S	1.3	2.6	1.9	0.3								6.0	5.9
SSW	1.3	2.7	3.0	0.4								7.4	6.3
SW	1.1	2.7	2.4	0.2								6.5	6.2
WSW	1.4	2.9	2.6	0.5								7.4	6.1
W	1.9	3.5	2.7	0.2								8.3	5.7
WNW	1.5	2.5	1.6	0.3								5.8	5.6
NW	1.1	2.0	0.7	0.2								3.9	5.3
NNW	0.8	1.6	1.1	0.1								3.6	5.5
VARBL													
CALM												9.8	
	20.5	36.7	27.4	5.3	0.2	0.0						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

2549

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

42-45, 51-70, 72-75
YEARS

AUG
MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.8	.9	.3	.1							4.0	6.3
NNE	.8	1.8	1.2	.2	.1	.0						4.1	6.2
NE	.9	1.7	1.9	.9	.1							5.5	7.3
ENE	1.0	2.5	2.5	.9	.0	.0						7.0	7.0
E	1.6	2.7	2.6	.7								7.6	6.2
ESE	1.1	2.0	1.6	.3								5.1	6.1
SE	1.0	1.2	1.0	.1	.1							3.4	5.8
SSE	1.0	1.7	1.4	.4								4.4	6.2
S	1.3	3.3	3.2	.7								8.5	6.5
SSW	1.4	3.7	3.1	.9	.1	.0						9.2	6.7
SW	1.4	3.3	3.1	.5	.0							8.3	6.4
WSW	.9	1.8	2.9	.5								6.2	7.0
W	1.1	2.9	2.2	.5								6.7	6.2
WNW	.9	2.3	2.0	.2	.1							5.4	6.3
NW	.6	1.7	1.0	.1	.1							3.4	6.2
NNW	.6	1.3	1.0	.1	.0							3.1	5.9
VARBL													
CALM												8.2	
	16.5	35.6	31.6	7.3	.7	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

2488

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOSTA STATION NAME 42-45.51-75 YEARS AUG MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.0	.6	.2								2.6	5.2
NNE	1.7	1.0	.6	.1								3.3	4.4
NE	1.2	2.0	.9	.5								4.6	5.8
ENE	1.7	2.2	1.4	.5	.0							5.9	5.8
E	2.8	2.5	2.5	.4								8.2	5.4
ESE	1.4	2.0	1.6	.3								5.3	5.7
SE	1.9	1.7	1.0	.1		.0						4.8	5.1
SSE	1.4	1.6	.6	.2	.0							3.9	5.2
S	3.2	3.2	1.6	.2	.0							8.3	4.8
SSW	2.7	3.6	1.9	.1	.0							8.4	5.0
SW	2.5	3.6	1.6	.2								7.8	4.9
WSW	1.3	2.9	1.0	.1								5.3	5.1
W	1.3	2.0	.8	.1								4.2	4.9
WNW	.8	1.1	.4	.1								2.4	4.8
NW	1.1	1.2	.3	.0								2.7	4.5
NNW	.6	.5	.3									1.5	4.8
VARBL													
CALM												20.7	
	26.6	32.2	17.1	3.2	.2	.0						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

2192

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MODDY AFB GEORGIA/VALDOSTA

42-45.51-75
YEARS

AUG
MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.4	.2									1.4	3.9
NNE	.9	.7	.2	.1								1.9	4.8
NE	1.8	2.1	.8	.2								4.9	4.6
ENE	1.7	2.3	1.1									5.1	5.0
E	3.4	2.6	.9									6.9	4.1
ESE	3.3	2.1	.6									5.9	3.9
SE	2.9	1.6	.7									5.1	4.0
SSE	1.9	1.9	.2									4.1	3.8
S	3.6	2.8	.6	.1								7.1	4.0
SSW	3.5	3.4	.8	.1								7.8	4.1
SW	3.3	2.2	.7									6.2	4.0
WSW	1.4	1.5	.6	.1								3.6	4.7
W	.7	.9	.4									1.9	4.5
WNW	.8	.5										1.3	3.6
NW	.7	.6	.1									1.4	3.9
NNW	.5	.4	.1	.1								1.1	5.9
VARBL													
CALM												34.2	
	31.2	25.8	8.1	.6	.1							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

1748

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOSTA 42-45, 51-61, 63, 70, 72-75 SEP NORTH

0000-0200
HOURS (L.Z.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	.4	.2								2.5	5.6
NNE	.8	2.8	1.3	.3								5.2	5.8
NE	4.2	4.2	4.0	1.6	.1							14.1	6.1
ENE	3.7	3.6	1.5	.8								9.6	5.2
E	3.2	3.1	.6	.1								7.0	4.1
ESE	2.1	1.2	.4									3.7	4.0
SE	2.4	1.2	.4	.1								4.1	3.9
SSE	1.3	.7	.2	.1								2.3	4.2
S	1.2	.8	.1	.1								2.2	3.8
SSW	1.3	1.1	.2	.1								2.7	4.5
SW	1.6	.7				.1						2.4	3.9
WSW	.9	.5										1.4	3.5
W	.7	.7	.4									1.8	4.7
WNW	.1	.3	.2									.6	5.8
NW	.6	.8	.8	.1								2.5	5.7
NNW	.9	.6	.2	.2								2.0	5.2
VARBL													
CALM												35.8	
	26.0	23.6	10.8	3.7	.1	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

14

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOSTA STATION NAME 42-45.51-75 YEARS SEP MONTH 0300-0500 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	.9	.7	.3	.1							4.2	5.5
NNE	1.9	3.3	1.8	.4								7.3	5.5
NE	3.0	5.6	3.2	.7								12.6	5.7
ENE	4.0	3.0	1.9	.4								9.3	5.0
E	3.2	2.1	.5	.2								6.0	4.1
ESE	1.4	1.1	.5	.1								3.0	4.5
SE	1.2	.9	.3	.1								2.5	4.3
SSE	1.1	.6	.1	.1								1.8	3.7
S	1.3	.4	.1									1.7	3.2
SSW	1.2	.6	.1	.1								2.0	3.9
SW	.9	.3	.1	.1								1.3	4.0
WSW	1.2	.4	.1									1.7	3.2
W	1.2	.9	.2									2.4	4.0
WNW	.5	.5	.1	.1								.3	4.7
NW	.9	.8	.5	.1								2	4.7
NNW	1.1	.9	.1	.1									3.8
VARBL													
CALM												38.6	
	26.2	22.2	10.3	2.5	.2	.1						100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

1922

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-45,51-75

TEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.1	.3	.3	.1	.0						5.1	4.9
NNE	2.1	3.1	2.4	.3								7.9	5.6
NE	3.7	5.9	4.7	1.0	.0							15.3	6.0
ENE	3.5	4.1	3.0	.7	.0							11.2	5.6
E	3.9	3.6	1.2	.1								8.8	4.4
ESE	1.3	1.2	.5	.1								3.1	4.9
SE	1.0	.9	.3	.1	.0							2.4	5.1
SSE	.9	.8	.2	.1								2.0	4.5
S	1.0	.6	.0	.0								1.7	3.5
SSW	1.0	.5	.1									1.6	3.5
SW	.7	.4		.0								1.4	4.5
WSW	.9	1.0	.0									2.0	3.8
W	1.3	1.0	.3									2.5	3.8
WNW	1.0	.4	.4									1.8	4.2
NW	.9	.5	.3	.0								2.1	4.5
NNW	1.2	1.1	.4		.0							2.8	4.6
VARBL													
CALM												28.2	
	26.5	27.6	14.5	2.9	.3	.0						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

2299

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDDSTA

42-45.51-75

YEARS

SEP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.3	.5	.3	.0	.0						3.4	5.8
NNE	1.0	2.4	2.2	.5	.0	.0						6.7	6.3
NE	1.8	3.4	5.3	2.6	.2							13.2	7.9
ENE	1.9	4.8	7.3	2.3								16.4	7.4
E	2.9	5.3	3.5	1.1	.0							12.8	6.0
ESE	1.6	2.1	1.9	.5	.1	.0						6.1	6.3
SE	1.3	1.5	.7	.1	.0	.0						3.7	5.2
SSE	1.1	1.1	.5	.1	.1							3.3	5.8
S	1.4	.9	.8	.2	.0							3.4	5.2
SSW	.8	1.1	.2	.1								2.1	4.7
SW	.8	1.0	.7	.1								2.6	5.3
WSW	.8	1.2	.2	.0								2.3	4.4
W	1.1	2.1	.7	.0								3.9	4.9
WNW	1.0	1.1	.5	.0								2.7	4.9
NW	.8	.8	.6	.0								2.3	5.0
NNW	1.1	1.5	.7	.0	.1							3.5	5.5
VARBL													
CALM												11.6	
	21.3	31.6	26.7	8.0	.7	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

2437

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MIDDY AFB GEORGIA/VALDOSTA 42-45.51-75 YEARS SEP NORTH
1200-1400 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.4	1.0	.2	.1							5.1	5.5
NNE	1.0	2.4	3.1	.8	.0	.0						7.3	7.2
NE	1.2	3.1	4.9	2.5	.1							11.8	8.0
ENE	1.4	3.9	6.4	2.6	.2							14.5	8.0
E	2.6	4.1	5.5	1.0	.1							13.4	6.8
ESE	1.4	2.6	2.1	.7	.0							6.7	6.6
SE	1.2	1.6	1.0	.1	.1							3.9	5.4
SSE	.6	2.0	.9	.2	.1							3.9	6.2
S	.9	1.2	1.2	.3	.2							3.6	6.3
SSW	.7	1.2	.8	.2	.2							3.1	6.5
SW	.7	.8	.8	.2	.2							2.4	5.9
WSW	.5	1.6	1.3	.2								3.6	6.2
W	.9	2.0	1.4	.1								4.3	5.7
WNW	.5	1.8	1.2	.0								3.5	6.0
NW	.5	1.5	.8	.1								3.0	6.0
NNW	.6	1.0	.6	.1	.0							2.3	5.4
VARBL													
CALM												7.6	
	16.2	32.9	33.0	9.4	.9	.0						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2509

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12857
STATION

MUDDY AFB GEORGIA/VALDOSTA

STATION NAME

42-45, 51-75

YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.9	1.2	.2	.1							4.3	6.2
NNE	.6	3.0	3.1	.6								7.3	6.8
NE	1.3	3.3	4.8	1.8	.2							11.4	7.8
ENE	1.8	5.1	5.8	2.1	.2		.0					15.0	7.5
E	2.2	5.1	5.1	1.6	.0							14.0	6.9
ESE	1.0	2.3	2.5	.7								6.5	6.9
SE	.9	1.4	1.2	.0								3.6	5.6
SSE	.8	1.4	.7	.1	.0	.1						3.2	6.2
S	1.3	1.4	1.1	.2	.2							4.0	5.4
SSW	.8	1.4	1.2	.2	.0							3.7	6.0
SW	.7	.9	1.1	.2	.0							2.9	6.6
WSW	.7	1.4	1.2	.1								3.5	5.9
W	.5	1.8	1.6	.2								4.1	6.3
WNW	.5	1.6	1.7	.2								4.0	6.5
NW	.7	1.1	.9	.2								2.7	5.7
NNW	.4	1.0	.9	.1	.0							2.5	6.2
VARBL													
CALM												7.2	
	15.0	34.2	34.1	8.5	.8	.1	.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

2445

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45.51-75
YEARS

SEP
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.9	.3	.0	.0	.0						2.6	4.7
NNE	1.8	2.5	1.4	.2	.1							6.0	5.4
NE	2.5	4.0	3.5	.8	.0	.0						10.8	6.1
ENE	3.2	4.7	4.2	1.0	.1							13.2	6.3
E	4.2	5.2	2.8	.6	.0							12.6	5.2
ESE	1.8	1.9	1.0	.0								4.7	4.8
SE	1.1	1.0	.5	.1	.0							2.7	5.0
SSE	1.0	.7	.7	.2	.1							2.8	6.1
S	1.2	1.4	.6	.1		.0						3.4	5.2
SSW	1.1	1.1	.7	.0								2.9	4.8
SW	1.3	1.2	.4	.1								3.0	4.5
WSW	1.0	1.1	.4	.0								2.5	4.5
W	.8	1.3	.4	.1	.1							2.7	5.4
WNW	.8	.7	.3									1.8	4.3
NW	1.3	.5	.3	.0								2.1	4.2
NNW	1.0	.7	.3	.1								2.1	4.9
VARBL													
CALM												24.1	
	25.5	28.8	17.4	3.5	.6	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

2144

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-45, 51-75

YEARS

SEP
MONTH

2100-2300
HOURS (L.R.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.7	.2	.2	.1							2.2	4.8
NNE	1.7	1.4	1.1	.1	.1							4.3	5.2
NE	2.2	5.5	2.8	.8								11.2	5.7
ENE	3.0	5.0	3.8	.8								12.6	5.8
E	5.2	4.9	1.6	.2								11.8	4.4
ESE	2.8	2.5	.5	.3								6.2	4.5
SE	1.4	1.9	.5	.1	.1							3.8	4.6
SSE	1.1	.9	.5	.1								2.6	4.5
S	.8	.9	.1	.1	.1							2.0	5.2
SSW	1.1	1.1	.3	.1								2.6	4.7
SW	1.4	1.1	.3									2.8	4.1
WSW	.6	.7	.2									1.6	4.6
W	.6	1.1	.4									2.1	4.8
WNW	.4	.4	.1	.1	.1							1.0	5.9
NW	.7	.6	.2	.1	.1							1.7	5.0
NNW	.5	.2	.3	.1								1.2	5.3
VAR:													
CALM												30.4	
	24.6	28.8	12.9	2.9	.3							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

1672

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOSTA STATION NAME 42-45, 51-60, 62-63, 68, 75 YEARS DCT NORTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.7	1.4	.3								4.4	5.8
NNE	1.6	2.1	2.0	.5	.1							6.3	6.2
NE	3.5	3.8	2.7	.7								10.7	5.5
ENE	2.1	3.4	2.8	.4	.1							8.8	5.9
E	2.2	1.7	.5	.1								4.5	4.2
ESE	1.4	.6	.1									2.1	3.4
SE	.9	.4	.3									1.7	3.7
SSE	.6	.2	.1									.9	3.6
S	1.5	.5	.1									2.2	3.3
SSW	.5	.4	.1									.9	3.8
SW	.9	1.0	.1	.1								2.0	4.1
WSW	.9	.9	.1	.3								2.2	5.2
W	1.5	.9	.1	.1								2.5	3.8
WNW	1.6	1.3	.5	.1								3.5	4.4
NW	1.5	1.8	.9	.1								4.4	5.0
NNW	1.3	1.1	.4									2.8	4.1
VARBL													
CALM												40.2	
	23.1	21.7	12.3	2.6	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

1514

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOSTA STATION NAME 42-45.51-75 YEARS DCT MONTH 0300-0500 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	2.4	1.5	.1								6.6	4.8
NNE	2.8	3.7	2.9	.2	.0							9.7	5.5
NE	3.3	4.1	3.3	.5								11.1	5.6
ENE	2.7	2.7	1.6	.5	.1							7.6	5.5
E	1.9	1.2	.9									4.1	4.4
ESE	.4	.5	.2									1.1	4.3
SE	.6	.4										1.0	3.3
SSE	.5	.3	.3									1.1	5.0
S	1.0	.4	.2									1.7	3.9
SSW	.7	.1	.1									.9	3.4
SW	.9	.3	.1									1.3	3.7
WSW	.9	1.1	.2	.1								2.4	4.9
W	1.4	1.1	.3									2.9	4.3
WNW	1.4	1.3	.3									3.1	4.2
NW	1.7	1.5	.8	.0								4.2	4.6
NNW	1.4	1.5	.5	.2								3.6	5.1
VARBL													
CALM												37.4	
	24.4	22.8	13.4	1.8	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 2018

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDESLA

STATION NAME

42-45, 51-75

YEARS

GCT
MONTH

0600-0800
HOURS (L.G.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 1	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.4	1.6	.1								8.0	4.8
NNE	2.7	4.6	3.2	.7	.0	.1						11.4	5.9
NE	2.8	5.7	5.1	1.4	.0							15.0	6.4
ENE	2.1	3.7	2.0	.5	.1							8.4	5.8
E	1.6	1.9	.7									4.2	4.6
ESE	.9	.6	.2									1.7	3.6
SE	.4	.2	.1									.7	4.2
SSE	.4	.2	.1	.1								.9	5.3
S	.7	.4	.5									1.6	4.9
SSW	.5	.2	.3									1.0	5.1
SW	.4	.4	.4	.0								1.2	5.3
WSW	.8	.5	.3									1.6	4.5
W	1.5	1.0	.7	.1								3.4	4.9
WNW	.9	.9	.7	.0								2.5	5.0
NW	1.8	1.8	.5	.2								4.2	4.6
NNW	1.7	2.0	.5	.1								4.2	4.4
VARBL													
CALM												29.9	
	22.0	27.6	16.9	3.3	.2	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

2414

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-45, 51-75

YEARS

DCT
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.8	2.0	.2	.1							7.7	5.5
NNE	.9	3.7	3.2	1.2	.1							9.1	7.1
NE	1.4	5.2	8.0	2.1	.2							16.9	7.7
ENE	1.7	3.6	5.9	2.3	.1							13.6	7.7
E	1.3	3.3	3.1	.7	.0							8.5	6.5
ESE	1.4	1.4	1.3	.2	.0							4.3	5.7
SE	.8	.9	.6	.0								2.2	5.2
SSE	.4	1.2	.6	.1								2.3	5.8
S	1.1	.8	.6	.2								2.7	5.5
SSW	.4	.6	.5	.0								1.4	5.8
SW	.4	.6	.6	.2								1.7	6.3
WSW	.8	.8	1.0	.3	.0							2.9	6.4
W	.9	1.1	1.5	.6								4.1	6.9
WNW	1.2	1.5	1.0	.3	.1							4.1	6.0
NW	1.6	1.0	1.1	.3								4.0	5.7
NNW	.9	1.9	1.5	.2								4.4	5.9
VARBL													
CALM												10.2	
	17.4	30.5	32.3	8.5	.6	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

2542

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45, 51-75
YEARS

DCT
MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.8	2.2	.6	.0							6.5	6.6
NNE	.9	2.8	3.5	1.1	.0							8.4	7.2
NE	1.1	3.7	5.6	2.6	.2							13.2	7.9
ENE	1.0	3.2	7.0	2.0	.2							13.4	8.0
E	1.4	3.5	4.3	.9	.0							10.0	6.9
ESE	1.1	1.8	2.0	.3	.0							5.2	6.5
SE	1.0	1.1	.8	.1								3.0	5.4
SSE	.6	.8	.6	.2								2.1	5.7
S	1.0	1.2	.9	.4	.0	.0						3.5	6.2
SSW	.5	.5	.4	.2								1.6	6.1
SW	.6	.6	.9	.1								2.2	6.1
WSW	.6	1.5	1.6	.5	.1							4.2	7.2
W	1.2	1.5	1.9	.9	.0	.0						5.6	7.0
WNW	.7	1.8	2.2	1.0	.0							3.7	7.5
NW	.8	1.9	1.8	.4	.1	.0						5.0	7.0
NNW	.7	1.9	1.4	.6		.0						4.7	6.8
VARBL													
CALM												5.6	
	14.1	30.5	37.1	11.8	.8	.1	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

2618

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOOSTA 42-45.51-75 YEARS OCT NORTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.6	2.2	.6	.0							6.8	6.3
NNE	1.2	2.8	3.0	1.0								8.0	6.9
NE	1.8	4.7	4.8	1.1	.1							12.4	6.8
ENE	1.6	5.0	5.6	1.8	.2							14.2	7.3
E	2.6	3.6	3.6	.7	.0							10.5	6.1
ESE	1.3	1.6	1.6	.5	.0							5.0	6.2
SE	.9	1.0	.4	.0	.0							2.4	4.9
SSE	.5	.7	.4	.0	.0							1.7	5.0
S	.6	1.3	.7	.1	.1							2.7	5.5
SSW	.5	.7	.7	.2	.2							2.1	6.3
SW	.7	.7	.6	.1	.1							2.1	5.4
WSW	.5	1.1	.9	.6	.6							3.1	7.0
W	1.0	2.4	1.3	.6	.0							5.4	6.6
WNW	1.2	2.1	2.4	.7	.7							6.4	6.6
NW	.8	2.0	1.6	.4	.1	.0						5.0	6.9
NNW	.9	1.6	1.7	.3	.1							4.7	6.7
VARSL													
CALM												7.3	
	17.7	33.9	31.7	8.7	7.7	.0						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

2580

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

42-45.51-75
YEARS

OCT
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.2	.8	.2								5.2	4.5
NNE	2.1	2.6	1.6	.5								6.8	5.5
NE	3.2	3.9	2.7	.2								10.0	5.2
ENE	3.1	4.6	2.6	.7	.0							10.9	5.5
E	3.8	3.6	1.6	.3								9.2	4.6
ESE	1.6	1.1	.4	.2								3.3	4.5
SE	.5	.3	.1	.0								1.0	4.1
SSE	.2	.1	.1									.4	4.6
S	.8	.7	.3	.0								1.9	4.3
SSW	.8	.9	.4	.0								2.1	4.6
SW	.9	.4	.3									1.7	4.4
WSW	1.1	.7	.2	.0								2.0	4.1
W	1.3	1.1	.2									2.6	4.0
WNW	1.8	1.4	.4									3.6	4.1
NW	1.4	1.6	.8	.0	.1		.0					3.9	5.4
NNW	1.3	1.1	.3	.1								2.8	4.4
VARBL													
CALM												32.5	
	25.9	26.3	12.8	2.3	.1		.0					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

2303

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

42-45, 51-75

YEARS

QCT
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.2	.7	.1		.1						4.0	4.6
NNE	1.3	1.5	1.6	.5	.1							5.0	6.5
NE	2.7	3.1	2.3	1.0	.1							9.1	6.0
ENE	3.0	3.8	2.0	.5	.1							9.4	5.4
E	4.6	3.7	1.6	.2								10.1	4.4
ESE	2.0	1.3	.6	.1								3.9	4.2
SE	.5	.6	.5	.1								1.6	5.4
SSE	.6	.4	.1	.1								1.0	4.1
S	1.6	.7	.3	.1								2.7	4.1
SSW	.9	1.0	.1									1.9	3.9
SW	.9	.5	.3									1.8	4.5
WSW	.8	.7	.3	.1								1.9	4.7
W	.9	.9	.3	.1								2.1	4.4
WNW	1.2	1.5	.4	.1								3.2	5.0
NW	1.3	1.4	.8	.1		.1						3.6	5.0
NNW	1.0	.8	.4	.2								2.4	5.2
VARBL													
CALM												36.1	
	25.2	23.1	12.1	2.9	.3	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

1754

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MURPHY AFB GEORGIA/VALDOOSTA

42-45, 51-60, 62-63, 70, 75

NOV
MONTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.0	.7		.1							3.1	5.2
NNE	1.3	1.5	.8	.2								3.8	5.4
NE	3.1	2.6	1.6	.3								7.6	5.0
ENE	3.7	2.4	1.0	.3								7.3	4.5
E	2.6	1.1	.6	.3								4.6	4.4
ESE	1.3	1.0	.3	.1								2.3	4.1
SE	.9	.3	.5									1.7	4.7
SSE	.4	.4	.3									1.1	4.3
S	1.1	.7	.4	.2		.1						2.4	5.7
SSW	.8	1.0	.5	.1								2.4	5.3
SW	1.7	.8	.1	.1								2.6	3.7
WSW	.7	.8	.3	.1								1.9	4.9
W	1.4	1.4	.8	.2								3.9	5.1
WNW	1.2	2.2	1.6	.2	.1							5.4	5.9
NW	1.2	2.7	1.9	1.2	.2							7.2	7.2
NNW	1.0	1.4	.6	.1								3.1	5.3
VARBL													
CALM												39.6	
	23.4	21.4	12.0	3.3	.3	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

1472

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOSTA STATION NAME 42-45.51-73.75 YEARS NOV MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.1	1.0	.1								4.8	4.8
NNE	1.4	2.1	1.4	.1								4.9	5.4
NE	3.4	3.4	1.3	.5								8.6	5.0
ENE	2.7	1.4	.7	.1								4.9	4.3
E	2.2	.7	.3	.1								3.3	3.7
ESE	1.0	.4	.2									1.6	3.7
SE	.5	.8	.5									1.8	5.1
SSE	.5	.4	.3									1.2	5.0
S	.6	1.1	.8	.3								2.8	6.1
SSW	.9	.5	.3									1.7	4.4
SW	.7	.6	.2									1.4	4.1
WSW	.9	.7	.4									2.1	4.4
W	1.1	2.7	.9	.1								4.9	5.1
WNW	1.3	2.0	1.8	.2								5.3	6.0
NW	1.6	3.1	1.8	.3								6.9	5.6
NNW	1.5	1.6	.9	.1								4.1	5.0
VARBL													
CALM												39.7	
	22.0	23.6	12.8	1.8	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 1749

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-45,51-75

YEARS

NOV
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.5	1.5	.1								5.9	5.1
NNE	1.9	2.4	2.1	.2								6.5	5.3
NE	2.5	3.7	2.1	.5	.0							8.8	5.5
ENE	2.6	2.6	1.3	.2	.0							6.8	4.9
E	2.9	1.2	.2									4.3	3.3
ESE	.7	.5	.2									1.4	4.0
SE	.7	.3	.1									1.1	3.6
SSE	.7	.7	.4	.1								1.9	5.1
S	1.2	1.9	.7									3.7	4.6
SSW	.4	.6	.6	.0								1.6	5.9
SW	.7	.7	.3	.1								1.5	4.9
WSW	.7	.8	.7	.1	.0							2.4	5.5
W	1.3	2.6	.9	.3								5.0	5.1
WNW	1.3	1.5	1.1	.1								4.0	5.4
NW	1.8	2.6	1.9	.6	.0							6.9	5.9
NNW	1.9	1.7	1.3	.1								4.9	5.0
VARBL												33.2	
CALM												100.0	3.4
	22.9	26.1	15.4	2.2	.2								

TOTAL NUMBER OF OBSERVATIONS

2270

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOSTA STATION NAME 42-45.51-75 YEARS NOV MONTH

0900-1100
HOURS (L.R.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.8	2.5	.3								5.4	6.8
NNE	1.0	2.4	2.8	1.2								7.5	7.3
NE	1.5	3.6	2.8	1.2	.0							9.1	6.6
ENE	1.7	4.7	4.1	.9	.1							11.6	6.5
E	2.0	2.7	1.8	.3								6.9	5.5
ESE	1.2	1.8	1.0	.1								4.1	5.2
SE	.8	1.0	.5	.1								2.4	5.3
SSE	.5	1.2	.9	.4	.0							3.0	6.7
S	1.0	1.7	2.4	.6								3.7	6.8
SSW	.4	1.0	1.4	.3	.0							3.1	7.5
SW	.6	1.1	1.0	.2								2.9	6.4
WSW	.4	.9	1.0	.5	.0							2.8	7.3
W	.5	1.3	1.7	.8								4.3	7.8
WNW	.5	1.8	1.7	1.0	.1							5.2	7.7
NW	1.0	2.2	2.9	.7	.1							6.9	7.1
NNW	.8	2.3	1.9	.7		.0						5.8	7.0
VARBL													
CALM												13.3	
	14.8	31.4	30.6	9.4	.5	.0						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

2414

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOOSTA

42-45.51-75

YEARS

NOV
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	1.7	.2								4.4	6.3
NNE	.7	2.3	2.7	.6								6.3	7.1
NE	1.0	2.6	3.4	.7	.0							7.8	7.1
ENE	1.2	3.2	3.7	.7								8.9	6.7
E	1.0	1.7	1.9	.5	.0							5.2	6.8
ESE	1.0	1.9	1.7	.2								4.8	6.0
SE	.7	1.4	1.3	.2								3.7	6.0
SSE	1.0	1.4	1.7	.4	.0							4.6	6.5
S	1.0	1.4	1.8	.9	.1							5.2	7.3
SSW	.4	1.2	1.6	1.3	.0							4.5	8.5
SW	.8	1.2	1.2	.5	.0							3.6	7.1
WSW	.4	1.7	2.1	.8	.0							5.0	7.7
W	.5	2.0	3.3	1.9	.1							7.8	8.4
WNW	.9	2.0	3.6	1.8	.1	.0						8.5	8.3
NW	.8	2.2	2.3	.8	.2							6.2	7.3
NNW	1.1	1.5	2.0	.8	.0							5.4	7.0
VARBL													
CALM												7.9	
	13.1	29.6	36.2	12.4	.7	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

2496

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOSTA 42-45.51-75 YEARS NOV MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.5	1.8	.2								5.6	6.0
NNE	1.1	1.8	1.5	.2	.0							4.6	6.1
NE	1.4	2.7	2.2	.4								6.7	6.0
ENE	2.3	3.4	2.7	.8								9.2	6.0
E	1.9	3.0	1.7	.2								6.8	5.3
ESE	1.0	2.2	1.0	.1								4.3	5.2
SE	1.2	1.3	.8	.1								3.4	5.1
SSE	1.1	.9	.4	.2	.0							2.5	5.2
S	.8	1.4	1.5	.4	.0							4.2	6.6
SSW	.7	1.3	1.5	1.3	.1							4.8	8.1
SW	.5	1.2	.9	.5								3.1	6.9
WSW	.8	1.2	1.5	.4	.1							4.1	7.4
W	1.3	3.1	3.6	1.1	.1							9.1	7.1
WNW	.9	2.1	3.4	1.2	.2	.0						7.9	7.8
NW	1.0	2.0	2.6	1.1	.0							6.7	7.4
NNW	.7	1.9	1.5	.7	.0							4.9	6.9
VARBL													
CALM												12.2	
	17.7	32.1	28.6	8.8	.7	.0						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2469

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION 13857 MOODY AFB GEORGIA/VALDOSTA 42-45.51-75 YEARS NOV NORTH
1800-2000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.1	.5	.0								4.6	4.2
NNE	1.3	1.6	.7	.2								3.9	4.9
NE	2.9	2.3	1.0	.2								6.4	4.6
ENE	2.2	2.9	.9	.2								6.2	4.7
E	3.3	2.7	1.4	.1								7.4	4.4
ESE	1.3	1.1	.4	.0								2.8	4.1
SE	.8	.5	.1									1.4	3.5
SSE	.5	.4	.1	.0								1.1	4.6
S	1.2	.5	.8	.0								2.7	5.1
SSW	1.5	1.2	1.2	.6	.0							4.6	6.2
SW	1.0	1.1	.4									2.5	4.4
WSW	1.3	1.0	.8	.0								3.1	5.0
W	1.3	2.3	.7	.1								4.4	4.8
WNW	1.7	2.7	1.2	.4								6.0	5.3
NW	2.1	1.6	1.1	.7	.1							5.6	6.0
NNW	1.3	1.4	1.0	.3								4.0	5.6
VARBL												33.4	
CALM												100.0	3.3
	25.7	25.4	12.2	3.2	.1								

TOTAL NUMBER OF OBSERVATIONS

2187

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-45.51-75

YEARS

NOV
MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.4	.8	.3								4.0	5.0
NNE	.9	1.6	.5									2.9	4.7
NE	2.2	2.8	.9	.4								6.4	5.1
ENE	2.6	3.1	1.5	.2								7.4	5.1
E	3.1	2.9	.8	.2								7.1	4.2
ESE	1.5	1.1	.5									3.1	4.2
SE	.8	.8	.3									1.9	4.1
SSE	.2	.6		.1								.9	5.9
S	1.1	.9	.8	.4	.1							3.2	6.3
SSW	.9	1.2	.6	.1								2.8	5.1
SW	1.3	1.0	.2	.1		.1						2.7	4.7
WSW	1.2	1.1	.4	.1								2.8	4.4
W	1.6	1.5	.7	.1								3.9	.8
WNW	1.2	2.6	1.2	.5								5.5	6.0
NW	1.4	2.4	1.3	.9								6.1	6.5
NNW	1.0	1.1	.5	.5	.1							3.1	6.2
VARBL													
CALM												36.3	
	22.6	26.0	11.1	3.8	.2	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

1699

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MEADY AFB GEORGIA/VALDOOSTA

42-45, 51-60, 64, 66, 75
YEARS

DEC
MONTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.4	.6	.1								3.0	5.1
NNE	.8	.8	.9	.2								2.6	5.9
NE	1.5	1.8	1.5	.6								5.5	6.2
ENE	2.5	2.4	1.1	.4								6.4	5.0
E	2.4	2.0	1.1	.2								5.7	4.7
ESE	1.5	1.1	.5									3.1	4.1
SE	.8	.6	.4	.2								2.0	5.4
SSE	1.0	.2	.2	.2								1.6	5.0
S	.8	.8	1.0	.7	.2							3.4	7.4
SSW	1.2	1.5	.3	.1	.2	.1						3.4	5.7
SW	1.5	1.4	.7	.1								3.7	4.4
WSW	1.2	1.3	.9	.2	.1	.2						3.5	6.6
W	1.1	1.4	1.3	.4	.2	.1						4.4	7.1
WNW	1.5	1.8	2.0	.7	.1							6.1	6.6
NW	1.0	1.8	1.3	.2								4.3	5.9
NNW	.8	1.6	1.1	.3								3.8	6.1
VARBL													
CALM												37.0	
	20.7	21.9	14.9	4.5	.8	.3						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

1306

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

42-45.51-73.75
YEARS

DEC
MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.6	.8									5.3	4.4
NNE	1.1	1.6	1.5	.3	.1							4.5	6.1
NE	1.7	1.6	2.5	.4								6.2	6.4
ENE	2.8	1.6	.9	.1								5.3	4.4
E	1.1	.6	.7	.2								2.6	5.3
ESE	1.3	.6	.1	.1								1.9	3.8
SE	.6	.7	.3	.1								1.6	5.2
SSE	.5	.9	.9	.1	.2							2.6	7.0
S	.9	1.1	1.4	.4								3.8	6.4
SSW	.8	.9	.5	.3	.1							2.6	6.4
SW	1.1	1.2	.4									2.8	4.3
WSW	1.3	1.9	.7	.3	.1							4.2	5.4
W	1.1	1.6	1.2	.4	.1							4.4	6.2
WNW	1.8	1.6	1.4	.9	.1							5.8	6.6
NW	1.6	1.6	1.1	.4								4.7	5.5
NNW	1.3	1.6	1.3	.2								4.4	5.5
VARBL													
CALM												37.1	
	20.9	21.7	15.6	4.1	.6							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

1591

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

YEARS

42-45, 51-75

DEC
MONTH

0000-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.0	1.0									4.6	5.0
NNE	1.2	1.9	1.6	.5								5.3	6.0
NE	2.1	2.8	2.3	.7								7.8	5.8
ENE	2.3	1.4	1.0	.2								4.9	5.1
E	1.5	1.3	.5									3.2	4.3
ESE	.6	.3	.2	.2								1.4	5.4
SE	.8	.6	.3									1.7	4.3
SSE	.7	.9	.5	.1								2.2	5.3
S	1.1	1.1	2.1	.6								4.9	6.7
SSW	.5	.6	.5	.4	.0							2.1	7.0
SW	1.0	1.4	.6	.1								3.1	5.0
WSW	1.1	1.4	.9	.1								3.5	5.4
W	1.6	1.6	1.1	.3								4.6	5.5
WNW	2.0	1.6	1.7	.7	.0							6.1	6.1
NW	1.8	2.0	1.2	.3								5.3	5.4
NNW	1.6	1.7	1.4	.3								4.9	5.4
VARBL												34.2	
CALM												100.0	3.7
	21.5	22.7	16.9	4.6	.1								

TOTAL NUMBER OF OBSERVATIONS

2103

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45-51-75
YEARS

DEC
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.3	1.9	.1	.0							5.3	6.0
NNE	.6	1.9	2.2	.8	.1							5.6	7.4
NE	.9	2.6	2.4	.6	.1							6.7	6.7
ENE	1.7	3.2	2.4	.7								8.0	6.0
E	2.3	3.3	1.9	.5								8.0	5.5
ESE	.9	1.1	.6	.1								2.7	4.9
SE	1.1	.8	1.0	.1								3.0	5.5
SSE	.6	1.1	1.3	.3								3.3	6.5
S	.8	1.7	3.2	1.3								7.1	7.8
SSW	.6	1.3	1.6	.7	.0							4.3	7.5
SW	.5	1.3	.6	.6	.0							3.1	7.0
WSW	.6	1.1	1.6	.5	.1							3.8	7.5
W	.8	1.8	2.0	.6	.0							5.2	6.9
WNW	1.0	2.0	2.4	1.1	.1							6.7	7.4
NW	.9	1.7	2.5	.9								6.0	7.1
NNW	.9	2.3	2.5	.6								6.3	6.8
VARBL													
CALM												14.8	
	15.3	29.5	30.4	9.4	.5							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

2371

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

42-45.51-75
YEARS

DEC
MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.7	2.1	.4								5.2	6.6
NNE	.6	1.7	1.3	.5	.1							4.1	7.3
NE	.6	2.0	2.1	.9								5.6	7.1
ENE	.7	1.7	1.9	.4								4.7	6.7
E	.9	1.9	2.0	.3								5.1	6.2
ESE	.7	1.2	1.3	.2								3.4	6.1
SE	.6	1.2	.9	.2								2.8	5.9
SSE	.8	1.3	1.7	.9	.0							4.7	7.5
S	.8	1.9	2.6	1.7	.2							7.2	8.4
SSW	.8	1.9	2.2	1.6	.2							6.8	8.2
SW	.7	1.5	1.6	.6	.1							4.5	7.1
WSW	.8	1.6	2.5	1.2	.2							6.4	8.1
W	.6	2.2	3.3	1.6	.2	.0						8.2	8.2
WNW	1.1	2.3	3.4	1.9	.2							8.9	8.1
NW	1.1	2.2	2.1	1.1	.1							6.6	7.2
NNW	.8	2.4	2.4	.9								6.6	6.9
VARBL													
CALM												9.1	
	13.0	28.7	33.4	14.4	1.4	.0						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

2471

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-45.51-75

YEARS

DEC
MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.8	1.5	.5	.0							4.9	6.4
NNE	.8	1.9	1.7	.2	.0							4.6	6.1
NE	1.1	2.2	2.0	.3								5.6	6.2
ENE	.7	2.1	1.4	.2								4.5	6.1
E	1.3	1.9	1.1	.3								4.6	5.6
ESE	1.0	1.9	.9	.2								4.0	5.4
SE	.7	1.3	.9	.1								3.1	5.5
SSE	.8	1.1	.6	.2								2.7	5.4
S	1.4	1.9	2.3	.8	.3							6.6	7.1
SSW	.6	1.3	2.6	1.3	.2							5.9	8.4
SW	.8	2.1	1.3	.5	.1	.0						4.9	6.8
WSW	1.1	2.3	2.5	1.2	.0							7.1	7.2
W	.9	2.8	3.0	1.1	.0							7.8	7.1
WNW	.8	2.7	3.0	1.3	.3							8.1	7.8
NW	1.5	2.2	2.7	.9	.1							7.4	6.9
NNW	1.2	1.7	1.2	.6								4.8	6.2
VARBL												13.5	
CALM												100.0	5.8
	15.9	31.2	28.8	9.5	1.1	.0							

TOTAL NUMBER OF OBSERVATIONS

2377

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857 STATION MOODY AFB GEORGIA/VALDOSTA STATION NAME 42-45.51-75 YEARS DEC NORTH
1800-2000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.3	1.2	.1	.1							4.2	5.1
NNE	1.3	1.2	1.3	.1	.1							4.0	5.3
NE	1.6	2.3	1.0	.4								5.2	5.4
ENE	1.3	2.3	1.5	.4								5.4	5.8
E	2.2	1.7	1.2	.4								5.4	5.0
ESE	1.1	.8	.3	.1								2.3	4.4
SE	.8	.5	.4	.1								1.8	4.9
SSE	.6	.6	.4	.1								1.7	5.2
S	1.4	1.4	1.1	.4	.2							4.4	6.0
SSW	1.4	2.1	1.2	.5	.1							5.3	6.2
SW	.8	1.2	.2	.1	.1							2.4	4.3
WSW	1.1	1.4	.5	.2	.1							3.3	5.4
W	1.8	2.4	1.4	.1								5.6	4.9
WNW	1.9	2.1	1.2	.8	.1							6.1	6.1
NW	1.8	1.9	.8	.4	.1							5.0	5.3
NNW	1.1	1.2	.5	.1								2.8	4.7
VARBL													
CALM												35.2	
	21.8	24.2	14.1	4.0	.6							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 1898

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45.51-59.61-63-75
YEARS

DEC
MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.1	.9	.1								2.9	5.2
NNE	.8	1.3	1.0	.1								3.3	5.8
NNE	2.0	1.5	1.3	.4								5.2	5.5
ENE	1.8	2.4	1.7	.6								6.5	5.8
E	2.6	2.0	1.4	.6								6.1	5.1
ESE	.9	1.3	.8	.2								3.1	5.5
SE	1.0	.5	.6									2.0	4.7
SSE	.7	.2	.3									1.8	6.8
S	.9	1.3	1.4	.3								3.7	6.2
SSW	1.3	1.0	1.2	.4	.1							4.1	6.6
SW	2.0	1.3	1.2	.3	.3							4.1	4.3
WSW	.7	1.3	1.2	.1	.1							3.8	7.3
W	1.7	1.3	1.2	.1	.1							4.4	5.6
WNW	1.5	2.6	1.4	1.0	.1							6.5	6.6
NW	1.5	2.0	1.3	.4								5.3	5.7
NNW	.9	1.2	.6	.1								2.7	5.2
VARBL												34.4	
CALM												100.0	3.8
	21.1	22.3	16.7	5.0	.5								

TOTAL NUMBER OF OBSERVATIONS

1432

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-46.51-76

YEARS

ALL
MONTH

INSTRUMENT
CLASS

ALL
HOURS (L.S.T.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/ CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.6	1.4	.3	.1	.0						4.2	6.6
NNE	1.0	2.3	2.1	.6	.1	.0						6.0	6.7
NE	1.4	3.6	3.4	.9	.0	.0						9.3	6.6
ENE	1.6	3.2	3.2	.9	.1	.0	.0					8.9	6.6
E	1.9	3.0	2.1	.5	.0	.0						7.6	5.8
ESE	1.0	1.4	1.0	.2	.0	.0						3.8	6.1
SE	1.0	1.1	.6	.2	.0	.0						3.2	5.8
SSE	.7	1.2	1.2	.5	.1	.0						3.0	7.2
S	1.2	1.8	2.4	1.1	.1	.0						6.6	7.5
SSW	.9	2.0	2.6	1.1	.1	.0						6.7	7.6
SW	1.1	1.9	1.8	.6	.1							5.4	6.7
WSW	.9	1.4	1.4	.4	.1							4.2	6.6
W	.9	1.5	1.2	.5	.1	.0	.0					4.2	6.7
WNW	.5	1.0	1.3	.5	.1	.0						3.5	7.6
NW	.6	.9	1.2	.3	.1	.0	.0					3.1	7.1
NNW	.6	.9	1.0	.3	.0	.0						2.8	6.6
VARBL													
CALM												17.0	
	16.1	28.8	28.0	8.9	1.0	.2	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

21798

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D
CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOOSTA

42-46, 51-76

ALL
MONTH

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½
NO CEILING	36.0	51.7	53.5	54.6	55.3	55.4	55.7	55.8	55.9	56.0	56.1
≥ 20000	41.5	59.3	61.4	62.5	63.4	63.4	63.8	63.9	63.9	64.1	64.2
≥ 18000	41.6	59.5	61.6	62.7	63.5	63.6	63.9	64.1	64.1	64.3	64.4
≥ 16000	41.8	59.7	61.8	62.9	63.8	63.9	64.2	64.3	64.4	64.6	64.7
≥ 14000	42.4	60.8	62.9	64.0	64.9	65.0	65.3	65.4	65.5	65.7	65.8
≥ 12000	43.6	62.8	65.0	66.1	67.0	67.1	67.5	67.6	67.6	67.8	67.9
≥ 10000	45.0	65.4	67.7	69.0	69.9	70.0	70.3	70.5	70.5	70.7	70.8
≥ 9000	45.3	66.0	68.3	69.5	70.5	70.6	70.9	71.1	71.1	71.3	71.4
≥ 8000	46.0	67.6	70.0	71.2	72.2	72.3	72.7	72.8	72.8	73.0	73.2
≥ 7000	46.5	68.5	71.0	72.3	73.3	73.4	73.7	73.9	73.9	74.1	74.2
≥ 6000	46.9	69.3	71.8	73.2	74.2	74.3	74.6	74.8	75.0	75.2	75.3
≥ 5000	47.5	70.4	73.0	74.3	75.4	75.5	75.8	76.0	76.3	76.4	76.5
≥ 4500	47.9	70.9	73.5	74.9	76.0	76.1	76.4	76.6	76.8	77.0	77.1
≥ 4000	48.8	72.4	75.0	76.4	77.5	77.6	78.0	78.2	78.4	78.5	78.6
≥ 3500	49.6	73.7	76.4	77.6	78.9	79.0	79.4	79.6	79.7	79.9	80.0
≥ 3000	51.0	75.8	78.6	80.1	81.3	81.4	81.8	82.0	82.2	82.4	82.5
≥ 2500	52.0	77.7	80.6	82.1	83.3	83.4	83.8	84.0	84.1	84.3	84.4
≥ 2000	52.9	79.4	82.5	84.1	85.3	85.4	85.9	86.1	86.1	86.3	86.5
≥ 1800	53.1	79.9	83.0	84.6	85.8	86.0	86.4	86.6	86.7	86.9	87.0
≥ 1500	53.6	81.1	84.2	85.9	87.2	87.3	87.8	88.0	88.1	88.3	88.4
≥ 1200	53.9	82.2	85.5	87.3	88.6	88.8	89.3	89.5	89.5	89.8	89.9
≥ 1000	54.2	83.1	86.5	88.4	89.8	89.9	90.5	90.7	90.7	91.0	91.2
≥ 900	54.2	83.5	87.0	88.9	90.3	90.5	91.0	91.3	91.3	91.6	91.7
≥ 800	54.3	84.0	87.6	89.6	91.1	91.2	91.8	92.1	92.1	92.4	92.6
≥ 700	54.4	84.4	88.1	90.1	91.7	91.9	92.5	92.8	92.9	93.2	93.3
≥ 600	54.5	84.8	88.6	90.7	92.4	92.6	93.3	93.6	93.7	94.0	94.2
≥ 500	54.5	85.2	89.2	91.4	93.2	93.5	94.3	94.7	95.1	95.3	95.5
≥ 400	54.5	85.4	89.5	91.9	93.9	94.2	95.1	95.5	95.6	96.0	96.2
≥ 300	54.5	85.5	89.7	92.1	94.3	94.6	95.7	96.2	96.3	96.8	97.1
≥ 200	54.6	85.5	89.8	92.3	94.5	94.8	96.0	96.5	96.7	97.4	97.8
≥ 100	54.6	85.5	89.8	92.3	94.5	94.9	96.1	96.7	96.8	97.6	98.0
≥ 0	54.6	85.5	89.8	92.3	94.5	94.9	96.1	96.7	96.8	97.6	98.0

198872

TOTAL NUMBER OF OBSERVATIONS

FORM
JUL 64

USAF ETAC

0-145 (CLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

STATION
MUDDY AFB GEORGIA/VALDOSTA

43-46, 52-76

JAN
MONTH

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	31.0	47.0	49.2	50.5	51.5	51.6	51.8	52.0	52.0	52.2	52.3	52.4
≥ 20000	34.7	52.7	55.1	56.6	57.6	57.7	58.0	58.2	58.2	58.4	58.6	58.6
≥ 18000	34.9	52.9	55.3	56.8	57.8	57.9	58.2	58.3	58.4	58.6	58.7	58.7
≥ 16000	35.0	53.1	55.5	57.0	58.0	58.1	58.4	58.6	58.6	58.8	58.9	59.0
≥ 14000	35.4	53.7	56.2	57.7	58.7	58.8	59.1	59.3	59.3	59.5	59.7	59.7
≥ 12000	36.1	55.1	57.7	59.3	60.3	60.4	60.7	60.9	60.9	61.1	61.3	61.3
≥ 10000	36.9	56.4	59.2	60.8	61.9	61.9	62.3	62.4	62.5	62.7	62.8	62.8
≥ 9000	37.1	56.9	59.7	61.3	62.4	62.5	62.8	63.0	63.0	63.2	63.4	63.4
≥ 8000	37.9	58.8	61.7	63.4	64.5	64.6	64.9	65.1	65.1	65.4	65.5	65.5
≥ 7000	38.5	59.9	63.0	64.7	65.9	65.9	66.3	66.5	66.5	66.7	66.8	66.9
≥ 6000	38.9	61.1	64.3	66.0	67.3	67.4	67.7	67.9	67.9	68.1	68.3	68.3
≥ 5000	39.6	62.5	65.9	67.7	69.0	69.1	69.4	69.6	69.6	69.9	70.0	70.0
≥ 4500	39.9	63.1	66.5	68.4	69.7	69.8	70.1	70.3	70.3	70.6	70.7	70.7
≥ 4000	40.5	64.3	67.9	69.8	71.2	71.3	71.6	71.8	72.1	72.2	72.2	72.2
≥ 3500	40.8	65.2	68.8	70.8	72.2	72.3	72.6	72.9	72.9	73.1	73.3	73.3
≥ 3000	41.6	66.7	70.5	72.6	74.0	74.1	74.5	74.7	74.7	74.9	75.1	75.1
≥ 2500	42.5	68.4	72.3	74.5	75.9	76.0	76.4	76.6	76.6	76.9	77.1	77.1
≥ 2000	43.5	70.7	74.7	77.0	78.5	78.7	79.0	79.3	79.3	79.5	79.7	79.7
≥ 1800	43.8	71.3	75.4	77.7	79.3	79.4	79.8	80.0	80.0	80.3	80.5	80.5
≥ 1500	44.1	72.6	76.9	79.3	80.9	81.1	81.5	81.7	81.7	82.0	82.2	82.2
≥ 1200	44.7	74.2	78.6	81.1	82.8	83.0	83.4	83.7	83.7	84.0	84.1	84.2
≥ 1000	44.9	75.4	80.1	82.8	84.5	84.7	85.2	85.4	85.5	85.7	85.9	85.9
≥ 900	45.0	76.0	80.3	83.5	85.3	85.5	86.0	86.3	86.3	86.6	86.7	86.8
≥ 800	45.1	76.7	81.6	84.5	86.3	86.5	87.1	87.4	87.5	87.8	87.9	88.0
≥ 700	45.2	77.2	82.3	85.2	87.2	87.4	88.1	88.4	88.4	88.7	88.9	89.1
≥ 600	45.3	77.7	82.9	86.1	88.2	88.5	89.2	89.6	89.6	90.0	90.2	90.4
≥ 500	45.3	78.3	83.8	87.2	89.7	90.0	91.0	91.4	91.5	91.9	92.1	92.2
≥ 400	45.3	78.6	84.4	87.9	90.7	91.1	92.3	92.9	93.0	93.5	93.8	93.8
≥ 300	45.4	78.8	84.6	88.3	91.2	91.7	93.1	93.8	94.0	94.6	95.0	95.0
≥ 200	45.4	78.8	84.7	88.4	91.5	91.9	93.6	94.4	94.6	95.3	96.1	96.2
≥ 100	45.4	78.8	84.7	88.4	91.6	92.0	93.6	94.5	94.8	95.7	96.3	96.4
≥ 0	45.4	78.8	84.7	88.4	91.6	92.0	93.6	94.5	94.8	95.7	96.3	96.4

TOTAL NUMBER OF OBSERVATIONS 16501

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

43-46, 52-76

STATION NAME

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	30.5	46.9	49.2	50.7	51.7	51.8	52.1	52.4	52.4	52.5	52.6
≥ 20000	34.2	52.2	54.7	56.4	57.5	57.6	57.9	58.2	58.2	58.4	58.4
≥ 18000	34.4	52.4	55.0	56.6	57.7	57.8	58.1	58.4	58.5	58.6	58.7
≥ 16000	34.6	52.7	55.2	56.9	58.0	58.1	58.4	58.7	58.7	58.9	58.9
≥ 14000	35.2	53.7	56.2	57.9	59.0	59.1	59.5	59.8	59.8	59.9	60.0
≥ 12000	36.1	55.1	57.6	59.4	60.5	60.5	60.9	61.2	61.2	61.4	61.5
≥ 10000	37.2	57.3	60.0	61.8	62.9	63.0	63.4	63.7	63.7	63.9	63.9
≥ 9000	37.4	57.7	60.4	62.2	63.4	63.4	63.8	64.1	64.2	64.3	64.4
≥ 8000	38.1	59.4	62.2	64.1	65.3	65.3	65.7	66.1	66.1	66.2	66.3
≥ 7000	38.7	60.7	63.6	65.5	66.7	66.8	67.2	67.5	67.5	67.7	67.7
≥ 6000	39.2	61.5	64.5	66.4	67.7	67.8	68.2	68.5	68.5	68.7	68.8
≥ 5000	39.6	62.6	65.7	67.7	69.0	69.1	69.5	69.9	69.9	70.1	70.2
≥ 4500	39.9	63.2	66.3	68.3	69.7	69.8	70.2	70.6	70.6	70.8	70.9
≥ 4000	40.5	64.3	67.5	69.6	71.1	71.2	71.6	72.0	72.0	72.2	72.3
≥ 3500	41.0	65.4	68.6	70.7	72.3	72.4	72.8	73.2	73.2	73.4	73.5
≥ 3000	42.1	67.4	70.7	72.9	74.5	74.6	75.1	75.4	75.4	75.6	75.7
≥ 2500	43.0	69.3	72.9	75.1	76.8	76.9	77.3	77.7	77.7	77.9	78.0
≥ 2000	44.0	71.8	75.5	77.9	79.6	79.7	80.2	80.6	80.6	80.8	81.0
≥ 1800	44.1	72.4	76.3	78.7	80.4	80.5	81.0	81.4	81.4	81.7	81.8
≥ 1500	44.5	73.8	77.8	80.4	82.1	82.2	82.8	83.2	83.2	83.5	83.6
≥ 1200	45.1	75.3	79.6	82.3	84.2	84.3	84.9	85.3	85.4	85.6	85.8
≥ 1000	45.3	76.5	80.9	83.6	85.7	85.9	86.5	86.9	87.0	87.3	87.4
≥ 900	45.4	77.2	81.7	84.5	86.6	86.8	87.5	87.9	88.0	88.2	88.4
≥ 800	45.4	77.8	82.5	85.4	87.6	87.8	88.5	89.0	89.0	89.3	89.5
≥ 700	45.6	78.6	83.5	86.4	88.9	89.1	89.8	90.3	90.3	90.7	90.8
≥ 600	45.7	79.1	84.2	87.3	89.9	90.1	91.0	91.5	91.5	91.9	92.1
≥ 500	45.7	79.6	85.0	88.3	91.2	91.5	92.5	93.1	93.2	93.6	93.8
≥ 400	45.8	79.9	85.5	89.1	92.1	92.4	93.7	94.4	94.5	95.0	95.3
≥ 300	45.8	80.1	85.7	89.3	92.6	93.0	94.5	95.4	95.5	96.2	96.6
≥ 200	45.8	80.1	85.7	89.4	92.8	93.3	94.9	95.9	96.1	97.1	97.6
≥ 100	45.8	80.1	85.7	89.4	92.8	93.3	94.9	96.0	96.2	97.3	97.8
≥ 0	45.8	80.1	85.7	89.4	92.8	93.3	94.9	96.0	96.2	97.3	97.8

TOTAL NUMBER OF OBSERVATIONS

15340

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1385

MOODY AFB GEORGIA/VALDDSTA

43-45,52-75

MAR

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	35.3	50.7	52.4	53.3	53.7	53.8	53.9	54.0	54.0	54.1	54.2	54.3
≥ 20000	40.0	57.2	59.0	60.0	60.5	60.6	60.7	60.8	60.8	60.9	61.0	61.1
≥ 18000	40.2	57.5	59.3	60.3	60.8	60.8	61.0	61.1	61.1	61.2	61.3	61.4
≥ 16000	40.5	57.9	59.7	60.7	61.1	61.2	61.4	61.5	61.5	61.6	61.7	61.8
≥ 14000	41.1	58.8	60.6	61.5	62.0	62.1	62.2	62.4	62.4	62.5	62.6	62.7
≥ 12000	42.0	60.2	62.1	63.1	63.6	63.7	63.8	63.9	63.9	64.0	64.1	64.2
≥ 10000	43.3	62.5	64.4	65.4	66.0	66.0	66.2	66.3	66.3	66.4	66.5	66.6
≥ 9000	43.6	63.1	65.0	66.0	66.6	66.7	66.8	66.9	66.9	67.0	67.1	67.2
≥ 8000	44.5	64.8	66.8	67.9	68.5	68.6	68.7	68.8	68.8	68.9	69.0	69.1
≥ 7000	45.2	66.2	68.2	69.4	70.0	70.1	70.2	70.4	70.4	70.5	70.6	70.7
≥ 6000	45.6	67.1	69.3	70.5	71.2	71.2	71.4	71.5	71.5	71.6	71.7	71.8
≥ 5000	46.2	68.3	70.5	71.8	72.4	72.5	72.7	72.8	72.8	73.0	73.1	73.2
≥ 4500	46.5	69.0	71.2	72.5	73.1	73.2	73.4	73.5	73.5	73.7	73.8	73.9
≥ 4000	47.5	70.5	72.8	74.2	74.9	75.0	75.2	75.3	75.3	75.5	75.6	75.7
≥ 3500	48.1	71.6	74.0	75.4	76.2	76.3	76.5	76.6	76.8	76.8	76.9	77.0
≥ 3000	49.1	73.5	76.0	77.5	78.3	78.4	78.6	78.8	78.8	79.0	79.1	79.2
≥ 2500	50.2	75.3	77.9	79.4	80.3	80.4	80.6	80.8	80.8	81.0	81.1	81.2
≥ 2000	51.2	77.3	80.0	81.6	82.6	82.7	83.0	83.2	83.2	83.3	83.5	83.6
≥ 1800	51.4	77.7	80.4	82.1	83.0	83.2	83.5	83.7	83.7	83.8	84.0	84.1
≥ 1500	52.0	79.1	81.9	83.6	84.6	84.8	85.1	85.3	85.3	85.5	85.6	85.7
≥ 1200	52.3	80.5	83.4	85.2	86.2	86.4	86.8	87.0	87.0	87.1	87.3	87.4
≥ 1000	52.5	81.5	84.6	86.5	87.6	87.7	88.2	88.4	88.4	88.6	88.7	88.8
≥ 900	52.6	82.0	85.3	87.2	88.4	88.5	89.0	89.2	89.3	89.4	89.6	89.7
≥ 800	52.7	82.7	86.2	88.3	89.5	89.7	90.3	90.5	90.5	90.7	90.9	91.0
≥ 700	52.8	83.3	86.9	89.1	90.5	90.6	91.3	91.5	91.6	91.8	91.9	92.0
≥ 600	52.9	83.9	87.8	90.1	91.6	91.8	92.5	92.8	92.8	93.1	93.2	93.3
≥ 500	52.9	84.4	88.4	90.9	92.6	92.8	93.7	94.1	94.1	94.4	94.6	94.7
≥ 400	53.0	84.7	88.9	91.5	93.5	93.8	94.8	95.4	95.4	95.9	96.1	96.2
≥ 300	53.0	84.8	89.1	91.8	93.9	94.3	95.4	96.1	96.1	96.7	97.0	97.2
≥ 200	53.0	84.8	89.1	91.9	94.1	94.4	95.6	96.4	96.5	97.2	97.6	98.0
≥ 100	53.0	84.8	89.1	91.9	94.1	94.4	95.7	96.4	96.5	97.3	97.9	98.4
≥ 0	53.0	84.8	89.1	91.9	94.1	94.5	95.7	96.4	96.5	97.3	97.9	98.5

TOTAL NUMBER OF OBSERVATIONS

15567

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-46, 52-75

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16
NO CEILING	45.5	58.6	59.8	60.4	60.8	60.9	61.1	61.2	61.2	61.3	61.3	61.4
≥ 20000	51.1	66.0	67.4	68.0	68.5	68.6	68.9	68.9	68.9	69.1	69.1	69.2
≥ 18000	51.2	66.2	67.6	68.2	68.8	68.8	69.1	69.2	69.2	69.3	69.4	69.4
≥ 16000	51.3	66.4	67.7	68.4	68.9	69.0	69.3	69.3	69.4	69.5	69.6	69.6
≥ 14000	51.8	67.3	68.6	69.4	69.9	69.9	70.2	70.3	70.3	70.4	70.5	70.5
≥ 12000	52.7	68.7	70.1	70.8	71.3	71.4	71.6	71.7	71.7	71.9	71.9	72.0
≥ 10000	53.8	70.6	72.1	72.9	73.4	73.5	73.8	73.8	73.9	74.0	74.1	74.2
≥ 9000	54.0	71.1	72.6	73.3	73.9	73.9	74.2	74.3	74.3	74.4	74.5	74.6
≥ 8000	54.7	72.5	74.0	74.8	75.3	75.4	75.7	75.8	75.8	76.0	76.0	76.1
≥ 7000	55.1	73.3	74.9	75.7	76.3	76.4	76.6	76.7	76.8	77.0	77.0	77.0
≥ 6000	55.6	74.3	75.9	76.7	77.3	77.4	77.7	77.8	77.8	78.0	78.1	78.1
≥ 5000	56.2	75.3	77.0	77.9	78.5	78.6	78.9	78.9	79.0	79.1	79.2	79.3
≥ 4500	56.7	75.9	77.7	78.5	79.2	79.3	79.5	79.6	79.7	79.8	79.9	80.0
≥ 4000	57.7	77.4	79.2	80.1	80.8	80.8	81.1	81.2	81.2	81.4	81.5	81.6
≥ 3500	58.4	78.5	80.3	81.2	81.9	82.0	82.3	82.4	82.4	82.6	82.7	82.7
≥ 3000	59.6	80.3	82.2	83.2	83.9	84.0	84.3	84.4	84.4	84.6	84.7	84.8
≥ 2500	60.4	81.9	83.9	84.9	85.7	85.8	86.2	86.3	86.3	86.5	86.6	86.6
≥ 2000	61.3	83.6	85.7	86.8	87.6	87.7	88.1	88.2	88.3	88.4	88.5	88.6
≥ 1800	61.5	84.2	86.3	87.4	88.2	88.3	88.7	88.9	88.9	89.1	89.2	89.2
≥ 1500	62.0	85.4	87.7	88.9	89.7	89.8	90.2	90.4	90.4	90.6	90.7	90.8
≥ 1200	62.4	86.8	89.3	90.5	91.4	91.5	91.9	92.1	92.1	92.3	92.4	92.5
≥ 1000	62.6	87.8	90.4	91.7	92.6	92.7	93.2	93.4	93.4	93.6	93.7	93.8
≥ 900	62.6	88.2	90.8	92.1	93.1	93.2	93.7	93.9	93.9	94.1	94.2	94.3
≥ 800	62.7	88.6	91.3	92.7	93.7	93.8	94.3	94.5	94.6	94.8	94.9	95.0
≥ 700	62.7	88.9	91.7	93.1	94.2	94.3	94.9	95.1	95.1	95.4	95.5	95.6
≥ 600	62.7	89.2	92.1	93.6	94.8	94.9	95.5	95.7	95.7	96.0	96.1	96.2
≥ 500	62.8	89.4	92.6	94.2	95.5	95.7	96.4	96.7	96.7	97.0	97.1	97.2
≥ 400	62.8	89.6	92.8	94.6	96.0	96.2	97.0	97.3	97.4	97.7	97.9	98.0
≥ 300	62.8	89.6	92.9	94.7	96.3	96.5	97.4	97.9	97.9	98.3	98.5	98.6
≥ 200	62.8	89.7	93.0	94.8	96.4	96.7	97.7	98.1	98.2	98.6	98.8	98.9
≥ 100	62.8	89.7	93.0	94.8	96.4	96.7	97.7	98.2	98.2	98.7	98.9	99.2
≥ 0	62.8	89.7	93.0	94.8	96.4	96.7	97.7	98.2	98.2	98.7	98.9	99.2

16620

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOSTA

42-46,52-75

MAY

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.7	57.4	58.9	59.7	60.4	60.4	60.7	60.8	60.8	60.9	61.0	61.0	61.0	61.1	61.1
≥ 20000	47.0	65.0	66.8	67.6	68.3	68.4	68.7	68.8	68.8	68.9	69.0	69.1	69.1	69.2	69.2
≥ 18000	47.2	65.2	67.0	67.8	68.5	68.6	68.9	69.0	69.0	69.2	69.2	69.3	69.3	69.4	69.5
≥ 14000	47.2	65.3	67.1	67.9	68.7	68.8	69.1	69.2	69.2	69.3	69.4	69.5	69.5	69.5	69.6
≥ 14000	47.7	66.2	68.0	68.8	69.5	69.6	69.9	70.0	70.0	70.2	70.2	70.3	70.3	70.4	70.5
≥ 12000	48.7	67.8	69.6	70.5	71.2	71.3	71.6	71.7	71.7	71.9	71.9	72.0	72.0	72.1	72.2
≥ 10000	49.8	70.3	72.2	73.1	73.9	74.0	74.3	74.4	74.4	74.6	74.7	74.7	74.7	74.8	74.9
≥ 9000	50.1	70.8	72.7	73.6	74.4	74.5	74.8	74.9	74.9	75.1	75.2	75.2	75.2	75.3	75.4
≥ 8000	50.8	72.3	74.3	75.2	76.0	76.1	76.4	76.5	76.5	76.7	76.8	76.8	76.8	76.9	77.0
≥ 7000	51.3	73.2	75.3	76.3	77.1	77.1	77.5	77.6	77.6	77.8	77.8	77.9	77.9	78.0	78.1
≥ 6000	51.8	74.0	76.0	77.0	77.9	78.0	78.3	78.4	78.4	78.6	78.7	78.7	78.7	78.8	78.9
≥ 5000	52.6	75.3	77.4	78.5	79.3	79.4	79.7	79.8	79.8	80.0	80.1	80.2	80.2	80.2	80.3
≥ 4500	53.0	75.8	78.0	79.0	79.9	80.0	80.3	80.4	80.4	80.6	80.7	80.7	80.8	80.8	80.9
≥ 4000	54.3	77.7	79.9	81.0	81.9	81.9	82.3	82.4	82.4	82.6	82.6	82.7	82.7	82.8	82.9
≥ 3500	55.3	79.2	81.4	82.5	83.4	83.4	83.8	83.9	83.9	84.1	84.2	84.2	84.3	84.3	84.4
≥ 3000	56.9	81.5	83.8	84.9	85.8	85.9	86.3	86.4	86.4	86.6	86.6	86.7	86.7	86.8	86.9
≥ 2500	58.1	83.4	85.8	87.0	87.9	88.0	88.3	88.5	88.5	88.6	88.7	88.8	88.8	88.9	89.0
≥ 2000	58.9	84.8	87.3	88.6	89.5	89.6	90.0	90.1	90.2	90.3	90.4	90.5	90.5	90.6	90.7
≥ 1800	59.0	85.1	87.7	88.9	89.8	90.0	90.4	90.5	90.5	90.7	90.8	90.8	90.9	90.9	91.0
≥ 1500	59.5	86.2	88.8	90.1	91.1	91.2	91.6	91.8	91.8	92.0	92.1	92.1	92.2	92.2	92.3
≥ 1200	59.8	87.2	89.9	91.3	92.3	92.4	92.9	93.1	93.1	93.2	93.3	93.4	93.4	93.5	93.6
≥ 1000	60.1	88.1	91.0	92.4	93.6	93.7	94.2	94.3	94.3	94.5	94.6	94.7	94.7	94.8	94.9
≥ 900	60.2	88.4	91.3	92.8	94.0	94.1	94.6	94.8	94.8	95.0	95.1	95.2	95.2	95.3	95.4
≥ 800	60.3	88.3	91.8	93.3	94.5	94.6	95.2	95.4	95.4	95.6	95.7	95.8	95.8	95.9	96.0
≥ 700	60.3	89.1	92.2	93.7	95.0	95.1	95.7	95.9	95.9	96.2	96.3	96.3	96.4	96.4	96.5
≥ 600	60.4	89.3	92.5	94.1	95.4	95.5	96.2	96.4	96.4	96.7	96.8	96.8	96.9	97.0	97.1
≥ 500	60.4	89.5	92.9	94.5	95.9	96.1	96.7	97.0	97.1	97.3	97.4	97.5	97.5	97.7	97.8
≥ 400	60.4	89.6	93.0	94.7	96.3	96.5	97.2	97.5	97.6	97.9	98.0	98.1	98.2	98.3	98.4
≥ 300	60.4	89.7	93.1	94.8	96.5	96.7	97.5	97.9	98.0	98.4	98.5	98.6	98.7	98.9	99.0
≥ 200	60.4	89.8	93.2	94.9	96.6	96.8	97.7	98.1	98.2	98.7	98.9	99.1	99.2	99.4	99.6
≥ 100	60.4	89.8	93.2	94.9	96.6	96.8	97.7	98.2	98.3	98.8	99.0	99.2	99.3	99.6	99.9
≥ 0	60.4	89.8	93.2	94.9	96.6	96.8	97.7	98.2	98.3	98.8	99.0	99.2	99.3	99.6	100.0

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-46,52-71

JUN
MONTH

STATION NAME

YEARS

ALL
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4
NO CEILING	36.9	52.5	54.1	54.7	55.2	55.3	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.7
≥ 20000	44.0	62.7	64.4	65.2	65.7	65.8	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.3
≥ 18000	44.1	62.8	64.6	65.3	65.8	65.9	66.1	66.2	66.2	66.3	66.3	66.4	66.4	66.4
≥ 16000	44.1	62.9	64.7	65.4	65.9	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.5	66.5
≥ 14000	45.0	64.2	66.0	66.8	67.3	67.4	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.9
≥ 12000	46.4	66.8	68.7	69.6	70.1	70.2	70.4	70.5	70.5	70.6	70.6	70.7	70.7	70.8
≥ 10000	47.8	69.7	71.8	72.7	73.3	73.4	73.6	73.7	73.7	73.8	73.8	73.9	73.9	74.0
≥ 9000	48.0	70.3	72.4	73.3	73.9	74.0	74.2	74.3	74.3	74.4	74.4	74.5	74.5	74.6
≥ 8000	48.7	71.8	74.0	74.9	75.6	75.7	75.9	75.9	76.0	76.1	76.1	76.2	76.2	76.3
≥ 7000	49.1	72.5	74.7	75.7	76.3	76.4	76.6	76.7	76.7	76.8	76.9	76.9	76.9	77.1
≥ 6000	49.5	73.1	75.4	76.4	77.0	77.1	77.3	77.4	77.4	77.5	77.5	77.6	77.6	77.8
≥ 5000	50.2	74.3	76.6	77.6	78.3	78.4	78.6	78.7	78.7	78.8	78.8	78.9	78.9	79.1
≥ 4500	50.7	75.1	77.4	78.4	79.0	79.1	79.3	79.4	79.4	79.6	79.6	79.7	79.7	79.8
≥ 4000	52.3	77.2	79.6	80.6	81.3	81.4	81.6	81.7	81.7	81.9	81.9	82.0	82.0	82.1
≥ 3500	53.6	79.0	81.4	82.5	83.2	83.3	83.5	83.6	83.6	83.8	83.8	83.9	83.9	84.0
≥ 3000	55.6	81.8	84.3	85.4	86.1	86.2	86.5	86.6	86.6	86.7	86.8	86.8	86.9	87.0
≥ 2500	56.8	83.7	86.4	87.5	88.2	88.3	88.6	88.7	88.7	88.9	88.9	89.0	89.0	89.1
≥ 2000	57.7	85.2	87.9	89.1	89.9	90.0	90.3	90.4	90.4	90.6	90.6	90.7	90.7	90.8
≥ 1800	57.9	85.6	88.4	89.6	90.4	90.5	90.8	90.9	90.9	91.1	91.1	91.2	91.2	91.4
≥ 1500	58.4	86.7	89.6	90.8	91.6	91.7	92.0	92.1	92.2	92.3	92.3	92.4	92.4	92.6
≥ 1200	58.8	87.6	90.5	91.8	92.6	92.7	93.0	93.1	93.2	93.3	93.4	93.4	93.5	93.6
≥ 1000	59.1	88.4	91.4	92.8	93.7	93.8	94.2	94.3	94.3	94.5	94.5	94.6	94.6	94.8
≥ 900	59.2	88.7	91.8	93.1	94.1	94.2	94.6	94.7	94.7	94.9	94.9	95.0	95.0	95.2
≥ 800	59.4	89.2	92.4	93.8	94.8	94.9	95.3	95.5	95.5	95.7	95.7	95.8	95.8	96.0
≥ 700	59.5	89.5	92.7	94.2	95.2	95.3	95.8	95.9	96.0	96.2	96.2	96.3	96.3	96.5
≥ 600	59.5	89.8	93.1	94.6	95.7	95.9	96.4	96.6	96.6	96.8	96.9	97.0	97.0	97.2
≥ 500	59.6	90.2	93.6	95.2	96.3	96.5	97.1	97.3	97.4	97.6	97.6	97.7	97.7	97.9
≥ 400	59.6	90.3	93.9	95.6	96.8	97.0	97.7	97.9	98.0	98.2	98.3	98.4	98.4	98.6
≥ 300	59.6	90.4	94.0	95.7	97.0	97.2	97.9	98.2	98.3	98.6	98.7	98.8	98.8	99.1
≥ 200	59.6	90.4	94.1	95.8	97.1	97.4	98.1	98.4	98.6	98.9	99.1	99.3	99.4	99.7
≥ 100	59.6	90.4	94.1	95.8	97.2	97.4	98.1	98.5	98.6	99.0	99.1	99.2	99.5	99.9
≥ 0	59.6	90.4	94.1	95.8	97.2	97.4	98.1	98.5	98.6	99.0	99.1	99.2	99.4	100.0

16359

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

FORM
JUL 64

0-145 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDDSTA

42-45,51-75

STATION NAME

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	> 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½
NO CEILING	32.9	46.7	48.0	48.7	49.2	49.3	49.5	49.5	49.6	49.7	49.8
≥ 20000	41.9	58.7	60.2	61.1	61.7	61.8	61.9	62.0	62.0	62.2	62.3
≥ 18000	42.1	59.0	60.4	61.3	61.9	62.0	62.2	62.2	62.2	62.4	62.5
≥ 16000	42.2	59.2	60.7	61.6	62.2	62.2	62.4	62.4	62.5	62.6	62.7
≥ 14000	43.6	61.3	62.9	63.8	64.4	64.5	64.7	64.7	64.7	64.9	65.0
≥ 12000	45.9	65.1	66.7	67.7	68.3	68.4	68.6	68.6	68.7	68.8	68.9
≥ 10000	48.5	69.7	71.5	72.5	73.2	73.3	73.5	73.5	73.6	73.7	73.8
≥ 9000	49.0	70.6	72.4	73.4	74.1	74.2	74.4	74.4	74.5	74.6	74.7
≥ 8000	49.8	72.3	74.2	75.2	76.0	76.0	76.3	76.3	76.4	76.5	76.6
≥ 7000	50.2	73.1	75.0	76.1	76.8	76.9	77.1	77.2	77.2	77.4	77.5
≥ 6000	50.5	73.6	75.6	76.6	77.4	77.5	77.7	77.8	77.8	77.9	78.0
≥ 5000	51.0	74.4	76.4	77.5	78.2	78.3	78.5	78.6	78.6	78.7	78.8
≥ 4500	51.2	74.8	76.8	77.9	78.6	78.7	78.9	79.0	79.0	79.2	79.3
≥ 4000	52.3	76.3	78.4	79.5	80.3	80.4	80.7	80.7	80.8	80.9	81.0
≥ 3500	53.8	78.4	80.6	81.7	82.5	82.6	82.9	82.9	83.0	83.1	83.2
≥ 3000	56.0	81.7	84.0	85.2	86.1	86.2	86.4	86.5	86.5	86.7	86.8
≥ 2500	57.4	84.0	86.4	87.7	88.6	88.7	88.9	89.0	89.1	89.2	89.3
≥ 2000	58.4	85.6	88.2	89.5	90.5	90.5	90.8	90.9	91.0	91.1	91.2
≥ 1800	58.6	86.1	88.6	90.0	90.9	91.0	91.3	91.4	91.4	91.6	91.7
≥ 1500	59.1	87.1	89.7	91.1	92.1	92.2	92.6	92.7	92.7	92.9	93.0
≥ 1200	59.5	87.8	90.5	91.9	92.9	93.0	93.4	93.5	93.6	93.8	93.9
≥ 1000	59.7	88.5	91.1	92.6	93.7	93.8	94.2	94.3	94.3	94.5	94.7
≥ 900	59.8	88.7	91.4	92.9	94.0	94.1	94.5	94.6	94.6	94.9	95.0
≥ 800	59.9	89.1	91.8	93.4	94.5	94.6	95.1	95.2	95.3	95.5	95.6
≥ 700	59.9	89.3	92.1	93.7	94.9	95.0	95.4	95.6	95.6	95.9	96.0
≥ 600	60.0	89.6	92.5	94.1	95.3	95.4	95.8	96.0	96.0	96.3	96.4
≥ 500	60.0	89.8	92.8	94.5	95.7	95.8	96.3	96.5	96.5	96.8	97.0
≥ 400	60.0	90.0	93.0	94.8	96.1	96.2	96.8	97.0	97.1	97.4	97.6
≥ 300	60.0	90.1	93.3	95.1	96.5	96.7	97.4	97.6	97.7	98.0	98.2
≥ 200	60.0	90.1	93.4	95.3	96.7	96.9	97.6	97.9	98.0	98.5	98.7
≥ 100	60.0	90.2	93.4	95.4	96.8	97.0	97.8	98.0	98.1	98.7	99.0
≥ 0	60.0	90.2	93.4	95.4	96.8	97.0	97.8	98.0	98.1	98.7	99.0

TOTAL NUMBER OF OBSERVATIONS

17192

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-45,51-75

YEARS

AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOUR(EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 0
NO CEILING	33.8	49.5	51.3	52.1	52.9	53.0	53.4	53.6	53.6	53.8	53.9	54.1
≥ 20000	42.2	61.2	63.2	64.1	65.1	65.1	65.5	65.7	65.8	66.0	66.1	66.3
≥ 18000	42.3	61.3	63.3	64.2	65.2	65.3	65.7	65.9	65.9	66.1	66.3	66.5
≥ 16000	42.5	61.6	63.6	64.5	65.5	65.6	66.0	66.2	66.3	66.4	66.6	66.8
≥ 14000	43.3	62.9	65.0	65.9	66.9	67.0	67.4	67.6	67.7	67.8	68.0	68.2
≥ 12000	45.0	66.0	68.3	69.2	70.2	70.3	70.7	70.9	71.0	71.2	71.4	71.6
≥ 10000	47.1	70.3	72.7	73.7	74.8	74.9	75.3	75.5	75.6	75.8	76.0	76.2
≥ 9000	47.4	70.8	73.2	74.3	75.4	75.5	75.9	76.1	76.2	76.4	76.6	76.8
≥ 8000	48.0	72.1	74.6	75.7	76.7	76.9	77.3	77.5	77.6	77.8	78.0	78.2
≥ 7000	48.3	72.7	75.2	76.3	77.4	77.5	77.9	78.2	78.2	78.4	78.6	78.8
≥ 6000	48.6	73.1	75.7	76.7	77.8	78.0	78.4	78.6	78.7	78.9	79.1	79.3
≥ 5000	49.1	73.9	76.4	77.5	78.6	78.7	79.2	79.4	79.5	79.7	79.9	80.1
≥ 4500	49.3	74.2	76.7	77.8	78.9	79.0	79.5	79.7	79.8	80.0	80.2	80.4
≥ 4000	50.1	75.5	78.1	79.2	80.3	80.5	80.9	81.1	81.2	81.4	81.6	81.9
≥ 3500	51.2	77.1	79.7	80.8	81.9	82.0	82.5	82.7	82.8	83.0	83.2	83.4
≥ 3000	52.8	79.7	82.4	83.6	84.8	84.9	85.4	85.6	85.7	85.9	86.1	86.3
≥ 2500	54.2	81.9	84.7	86.0	87.1	87.3	87.8	88.0	88.1	88.3	88.6	88.8
≥ 2000	55.1	83.6	86.5	87.9	89.1	89.2	89.8	90.0	90.1	90.3	90.6	90.8
≥ 1800	55.3	83.9	86.8	88.2	89.5	89.6	90.1	90.4	90.4	90.7	90.8	91.2
≥ 1500	55.7	84.8	87.8	89.2	90.5	90.6	91.2	91.4	91.5	91.7	91.9	92.2
≥ 1200	55.9	85.4	88.5	90.0	91.2	91.4	91.9	92.2	92.3	92.5	92.8	93.0
≥ 1000	56.1	86.1	89.3	90.8	92.1	92.3	92.9	93.2	93.2	93.5	93.8	94.0
≥ 900	56.2	86.3	89.6	91.1	92.4	92.6	93.2	93.5	93.5	93.8	94.1	94.3
≥ 800	56.3	86.7	90.0	91.6	92.9	93.1	93.7	94.0	94.1	94.4	94.6	94.9
≥ 700	56.3	86.9	90.3	91.9	93.3	93.5	94.1	94.4	94.5	94.7	95.0	95.2
≥ 600	56.4	87.1	90.6	92.3	93.8	94.0	94.6	94.9	95.0	95.3	95.6	95.8
≥ 500	56.4	87.4	91.0	92.8	94.4	94.6	95.3	95.6	95.7	96.0	96.3	96.6
≥ 400	56.4	87.6	91.3	93.1	94.7	95.0	95.7	96.1	96.2	96.5	96.9	97.1
≥ 300	56.4	87.7	91.5	93.4	95.1	95.3	96.2	96.6	96.7	97.1	97.3	97.9
≥ 200	56.5	87.8	91.7	93.6	95.4	95.7	96.6	97.1	97.2	97.8	98.1	99.1
≥ 100	56.5	87.9	91.7	93.7	95.5	95.8	96.7	97.2	97.4	98.0	98.3	99.7
≥ 0	56.5	87.9	91.7	93.7	95.5	95.8	96.7	97.2	97.4	98.0	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

17228

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-45,51-75

STATION NAME

YEARS

SEP
MONTH

ALL
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½
NO CEILING	30.7	46.6	48.5	49.4	50.3	50.5	50.8	51.0	51.1	51.3	51.4
≥ 20000	36.7	55.0	57.1	58.2	59.1	59.3	59.6	59.9	59.9	60.1	60.3
≥ 18000	36.8	55.2	57.3	58.4	59.3	59.5	59.9	60.1	60.1	60.4	60.5
≥ 16000	36.9	55.4	57.5	58.6	59.5	59.7	60.1	60.3	60.3	60.6	60.7
≥ 14000	37.5	56.6	58.7	59.8	60.7	60.9	61.3	61.5	61.5	61.8	61.9
≥ 12000	38.9	59.0	61.3	62.4	63.4	63.6	63.9	64.2	64.2	64.5	64.6
≥ 10000	40.8	62.4	64.8	66.0	67.0	67.2	67.6	67.8	67.9	68.1	68.3
≥ 9000	41.2	63.1	65.5	66.7	67.7	67.9	68.3	68.6	68.6	68.8	69.0
≥ 8000	42.0	64.7	67.3	68.5	69.5	69.7	70.1	70.4	70.4	70.7	70.9
≥ 7000	42.4	65.5	68.2	69.4	70.4	70.6	71.1	71.3	71.3	71.6	71.8
≥ 6000	42.8	66.2	68.9	70.1	71.1	71.3	71.8	72.0	72.0	72.3	72.5
≥ 5000	43.2	67.0	69.8	71.0	72.1	72.3	72.7	72.9	73.0	73.2	73.4
≥ 4500	43.5	67.4	70.1	71.4	72.5	72.7	73.1	73.3	73.4	73.6	73.8
≥ 4000	44.4	68.7	71.5	72.7	73.8	74.0	74.5	74.7	74.8	75.0	75.2
≥ 3500	45.3	70.2	73.0	74.3	75.4	75.6	76.0	76.3	76.3	76.6	76.8
≥ 3000	46.9	72.5	75.5	76.8	77.9	78.1	78.6	78.9	78.9	79.2	79.4
≥ 2500	48.5	74.9	78.0	79.4	80.5	80.7	81.2	81.5	81.5	81.8	82.0
≥ 2000	49.7	77.0	80.3	81.6	82.8	83.1	83.6	83.8	83.9	84.1	84.3
≥ 1800	49.9	77.6	80.8	82.2	83.4	83.6	84.1	84.4	84.4	84.7	84.9
≥ 1500	50.3	78.9	82.2	83.6	84.9	85.2	85.6	85.9	86.0	86.3	86.4
≥ 1200	50.7	80.4	83.9	85.4	86.8	87.0	87.5	87.8	87.9	88.1	88.3
≥ 1000	50.9	81.3	84.9	86.5	87.9	88.1	88.7	89.0	89.0	89.3	89.5
≥ 900	51.0	81.7	85.4	87.0	88.4	88.7	89.3	89.6	89.6	89.9	90.1
≥ 800	51.2	82.4	86.1	87.8	89.3	89.6	90.2	90.5	90.6	90.9	91.1
≥ 700	51.2	82.9	86.8	88.5	90.2	90.5	91.1	91.5	91.5	91.9	92.1
≥ 600	51.3	83.5	87.4	89.3	91.1	91.4	92.1	92.5	92.5	92.9	93.1
≥ 500	51.5	84.1	88.3	90.3	92.3	92.6	93.5	93.9	94.0	94.4	94.6
≥ 400	51.5	84.4	88.7	90.8	93.0	93.4	94.4	94.8	94.9	95.3	95.6
≥ 300	51.5	84.6	89.0	91.2	93.6	94.0	95.2	95.8	95.8	96.4	96.7
≥ 200	51.5	84.8	89.2	91.5	93.9	94.3	95.6	96.4	96.5	97.1	97.5
≥ 100	51.5	84.8	89.2	91.5	94.0	94.4	95.7	96.5	96.6	97.3	97.8
≥ 0	51.5	84.8	89.2	91.5	94.0	94.4	95.7	96.5	96.6	97.3	97.8

TOTAL NUMBER OF OBSERVATIONS 16843

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MUDDY AFB GEORGIA/VALDOOSTA

42-45.51-75

YEARS

007
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST)

CEILING (FEET)		VISIBILITY (STATUTE MILES)													
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING ≥ 20000 ≥ 18000 ≥ 16000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 ≥ 4500 ≥ 4000 ≥ 3500 ≥ 3000 ≥ 2500 ≥ 2000 ≥ 1800 ≥ 1500 ≥ 1200 ≥ 1000 ≥ 900 ≥ 800 ≥ 700 ≥ 600 ≥ 500 ≥ 400 ≥ 300 ≥ 200 ≥ 100 ≥ 0	40.2	59.8	62.1	63.3	64.3	64.3	64.8	65.0	65.2	65.4	65.5	65.6	65.7	65.8	65.8
	43.8	64.8	67.3	68.5	69.6	69.7	70.1	70.3	70.6	70.8	70.9	70.9	71.1	71.2	71.2
	43.9	64.9	67.4	68.7	69.7	69.8	70.2	70.5	70.7	70.9	71.0	71.1	71.3	71.4	71.4
	44.0	65.1	67.6	68.9	69.9	70.0	70.5	70.7	71.0	71.1	71.3	71.3	71.5	71.6	71.6
	44.4	65.8	68.4	69.7	70.7	70.8	71.2	71.5	71.8	71.9	72.0	72.1	72.3	72.4	72.4
	45.5	67.5	70.1	71.4	72.5	72.6	73.1	73.3	73.6	73.8	73.9	73.9	74.1	74.2	74.2
	46.7	69.6	72.3	73.7	74.8	74.9	75.4	75.6	75.9	76.1	76.2	76.2	76.4	76.6	76.6
	46.9	70.2	72.9	74.3	75.4	75.5	76.0	76.2	76.5	76.7	76.9	76.9	77.1	77.2	77.2
	47.6	71.6	74.3	75.7	76.9	77.0	77.5	77.7	78.0	78.2	78.3	78.4	78.6	78.7	78.7
	48.0	72.2	75.0	76.4	77.6	77.7	78.2	78.5	78.8	79.0	79.1	79.1	79.3	79.4	79.4
	48.4	73.0	75.8	77.2	78.5	78.6	79.1	79.3	79.6	79.8	79.9	80.0	80.2	80.3	80.3
	48.8	73.7	76.5	78.0	79.2	79.3	79.8	80.0	80.4	80.6	80.7	80.7	80.9	81.0	81.0
	49.0	74.1	76.9	78.4	79.6	79.7	80.2	80.4	80.7	80.9	81.0	81.1	81.3	81.4	81.4
	49.7	75.2	78.1	79.5	80.8	80.9	81.4	81.6	81.9	82.1	82.2	82.3	82.5	82.6	82.6
	50.6	76.4	79.3	80.8	82.1	82.2	82.7	82.9	83.2	83.4	83.5	83.5	83.8	83.9	83.9
	51.6	77.9	80.9	82.4	83.7	83.8	84.3	84.6	84.9	85.1	85.2	85.3	85.5	85.6	85.6
52.5	79.5	82.5	84.1	85.5	85.6	86.1	86.3	86.4	86.7	86.9	87.0	87.2	87.3	87.3	
53.3	81.1	84.1	85.7	87.1	87.2	87.8	88.0	88.3	88.5	88.6	88.7	88.9	89.0	89.0	
53.5	81.6	84.7	86.3	87.8	87.9	88.4	88.6	88.9	89.2	89.3	89.3	89.5	89.6	89.6	
54.0	82.8	85.9	87.5	89.0	89.1	89.7	89.9	90.2	90.4	90.4	90.6	90.8	90.9	90.9	
54.3	84.0	87.2	88.8	90.3	90.4	91.0	91.3	91.6	91.8	91.8	91.9	92.0	92.2	92.3	
54.5	84.7	87.9	89.6	91.2	91.3	91.9	92.2	92.5	92.7	92.7	92.8	93.1	93.2	93.2	
54.6	85.0	88.3	90.0	91.6	91.6	92.3	92.6	92.9	93.1	93.1	93.3	93.5	93.6	93.6	
54.7	85.4	88.8	90.6	92.2	92.3	93.0	93.3	93.6	93.8	93.8	94.0	94.2	94.3	94.3	
54.8	85.8	89.2	91.1	92.7	92.7	93.5	93.8	94.2	94.4	94.4	94.5	94.8	94.9	94.9	
54.8	86.0	89.6	91.6	93.3	93.3	94.1	94.4	94.8	95.0	95.1	95.2	95.4	95.5	95.5	
54.9	86.3	90.0	92.0	93.9	93.9	94.0	94.8	95.2	95.6	95.8	95.9	96.2	96.3	96.3	
54.9	86.5	90.3	92.4	94.4	94.4	95.5	95.9	96.3	96.6	96.6	96.7	96.8	97.1	97.1	
54.9	86.6	90.5	92.7	94.7	94.7	96.0	96.5	97.2	97.4	97.5	97.6	97.7	98.1	98.1	
54.9	86.6	90.6	92.8	94.9	94.9	96.3	96.9	97.0	97.7	98.0	98.3	98.4	98.7	99.0	
54.9	86.6	90.6	92.8	94.9	94.9	95.2	96.4	97.1	97.8	98.2	98.6	98.7	99.2	99.7	
54.9	86.6	90.6	92.8	94.9	94.9	95.2	96.4	97.1	97.8	98.2	98.6	98.7	99.3	100.0	

17743

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOSTA

42-45,51-75

NOV
MONTH

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	38.3	55.9	58.5	59.9	60.8	60.9	61.3	61.5	61.6	61.8	61.9
≥ 20000	42.4	61.7	64.5	66.0	66.9	67.0	67.5	67.7	67.8	68.0	68.1
≥ 18000	42.5	61.8	64.6	66.2	67.1	67.2	67.6	67.8	67.9	68.1	68.3
≥ 16000	42.7	62.2	65.0	66.5	67.4	67.5	68.0	68.2	68.2	68.5	68.6
≥ 14000	43.1	62.9	65.8	67.3	68.2	68.3	68.8	69.0	69.0	69.3	69.4
≥ 12000	44.1	64.3	67.3	68.9	69.8	69.9	70.4	70.6	70.7	70.9	71.1
≥ 10000	45.7	66.6	69.6	71.2	72.2	72.3	72.8	73.0	73.1	73.4	73.5
≥ 9000	45.9	67.0	70.1	71.7	72.7	72.8	73.3	73.5	73.6	73.8	74.0
≥ 8000	46.6	68.7	71.5	73.5	74.6	74.7	75.2	75.5	75.5	75.8	75.9
≥ 7000	47.2	69.3	73.2	74.9	76.0	76.1	76.6	76.8	76.9	77.2	77.3
≥ 6000	47.8	71.1	74.4	76.1	77.2	77.4	77.9	78.1	78.2	78.4	78.6
≥ 5000	48.5	72.3	75.7	77.5	78.5	78.7	79.2	79.5	79.5	79.8	80.0
≥ 4500	48.8	72.8	76.2	78.0	79.1	79.2	79.7	80.0	80.0	80.3	80.5
≥ 4000	49.4	73.8	77.3	79.1	80.1	80.3	80.8	81.1	81.1	81.4	81.6
≥ 3500	50.1	74.9	78.3	80.1	81.2	81.4	81.9	82.2	82.3	82.6	82.7
≥ 3000	51.1	76.3	79.7	81.6	82.7	82.9	83.5	83.7	83.8	84.1	84.3
≥ 2500	51.5	77.3	80.8	82.7	83.9	84.1	84.7	84.9	85.0	85.3	85.5
≥ 2000	52.1	78.4	82.1	84.0	85.1	85.3	86.0	86.2	86.3	86.6	86.8
≥ 1800	52.2	78.8	82.4	84.4	85.5	85.7	86.4	86.6	86.7	87.0	87.2
≥ 1500	52.5	79.7	83.5	85.4	86.6	86.8	87.5	87.8	87.9	88.2	88.3
≥ 1200	52.8	80.5	84.3	86.4	87.6	87.8	88.5	88.9	88.9	89.2	89.4
≥ 1000	53.0	81.4	85.3	87.4	88.7	88.9	89.6	90.0	90.1	90.4	90.6
≥ 900	53.1	81.8	85.8	87.9	89.2	89.5	90.2	90.6	90.6	91.0	91.1
≥ 800	53.1	82.2	86.2	88.4	89.7	90.0	90.7	91.1	91.2	91.5	91.7
≥ 700	53.1	82.4	86.6	88.8	90.3	90.6	91.4	91.7	91.8	92.2	92.3
≥ 600	53.2	82.7	87.0	89.3	90.8	91.1	92.0	92.4	92.5	92.9	93.0
≥ 500	53.2	83.0	87.4	89.9	91.6	91.9	92.9	93.4	93.4	93.8	94.0
≥ 400	53.2	83.1	87.7	90.2	92.1	92.5	93.5	94.0	94.2	94.6	94.8
≥ 300	53.2	83.2	87.8	90.5	92.6	92.9	94.1	94.8	94.9	95.4	95.6
≥ 200	53.2	83.2	87.9	90.6	92.8	93.1	94.5	95.2	95.3	96.1	96.3
≥ 100	53.2	83.2	87.9	90.6	92.8	93.1	94.5	95.2	95.4	96.2	96.6
≥ 0	53.2	83.2	87.9	90.6	92.8	93.1	94.5	95.2	95.4	96.2	96.6

16759

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC
FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-45,51-75

YEARS

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	34.0	47.3	49.1	50.7	52.1	52.1	52.5	52.6	52.6	52.8	53.1	53.1	53.2	53.3	53.8
≥ 20000	38.3	53.0	55.1	56.8	58.2	58.3	58.7	58.8	58.8	59.1	59.3	59.3	59.5	59.6	60.2
≥ 18000	38.4	53.2	55.2	56.9	58.3	58.4	58.8	59.0	59.0	59.2	59.5	59.5	59.7	59.7	60.3
≥ 16000	38.7	53.5	55.6	57.3	58.7	58.8	59.2	59.3	59.3	59.6	59.8	59.8	60.0	60.1	60.7
≥ 14000	39.0	54.2	56.3	58.1	59.5	59.6	60.0	60.1	60.2	60.4	60.7	60.7	60.8	60.9	61.5
≥ 12000	40.0	55.9	58.1	59.8	61.3	61.4	61.8	62.0	62.0	62.3	62.5	62.5	62.7	63.0	63.4
≥ 10000	41.1	57.8	60.0	61.8	63.3	63.4	63.9	64.0	64.0	64.3	64.6	64.6	64.7	64.8	65.5
≥ 9000	41.3	58.3	60.6	62.4	63.9	64.0	64.4	64.6	64.6	64.9	65.1	65.1	65.3	65.4	66.0
≥ 8000	42.1	59.8	62.2	64.1	65.6	65.7	66.2	66.3	66.3	66.6	66.9	66.9	67.1	67.2	67.8
≥ 7000	42.6	60.9	63.3	65.2	66.8	66.9	67.4	67.5	67.5	67.8	68.1	68.1	68.3	68.4	69.0
≥ 6000	43.1	61.8	64.3	66.3	67.9	68.0	68.5	68.6	68.6	69.0	69.2	69.2	69.4	69.5	70.1
≥ 5000	43.9	63.5	66.1	68.1	69.7	69.8	70.3	70.5	70.5	70.8	71.0	71.1	71.2	71.3	72.0
≥ 4500	44.5	64.3	66.9	68.9	70.6	70.7	71.2	71.3	71.3	71.7	71.9	71.9	72.1	72.2	72.9
≥ 4000	45.3	65.6	68.3	70.3	72.1	72.2	72.7	72.8	72.9	73.2	73.5	73.5	73.7	73.7	74.4
≥ 3500	45.9	66.7	69.5	71.6	73.4	73.5	74.0	74.2	74.2	74.6	74.8	74.8	75.0	75.1	75.8
≥ 3000	46.9	68.5	71.6	73.7	75.6	75.7	76.3	76.4	76.4	76.8	77.1	77.1	77.3	77.4	78.0
≥ 2500	47.8	70.3	73.4	75.6	77.6	77.7	78.2	78.4	78.4	78.8	79.0	79.0	79.2	79.3	80.0
≥ 2000	48.6	72.3	75.5	77.7	79.8	79.9	80.5	80.6	80.7	81.0	81.3	81.3	81.5	81.6	82.3
≥ 1800	48.7	72.8	76.1	78.4	80.5	80.6	81.2	81.3	81.4	81.7	82.0	82.0	82.2	82.3	83.0
≥ 1500	49.2	74.0	77.4	79.7	81.8	82.0	82.6	82.8	82.8	83.3	83.5	83.5	83.7	83.8	84.5
≥ 1200	49.5	75.2	78.8	81.3	83.6	83.7	84.5	84.6	84.7	85.1	85.3	85.4	85.6	85.9	86.3
≥ 1000	49.7	76.2	79.9	82.6	84.9	85.1	85.9	86.1	86.1	86.5	86.8	86.8	87.0	87.1	87.8
≥ 900	49.8	76.5	80.4	83.1	85.6	85.8	86.5	86.8	86.8	87.2	87.5	87.5	87.8	87.9	88.5
≥ 800	49.8	77.1	81.1	84.0	86.5	86.8	87.6	87.9	87.9	88.4	88.7	88.7	89.0	89.1	89.7
≥ 700	49.9	77.6	81.8	84.7	87.4	87.6	88.5	88.8	88.9	89.4	89.7	89.7	89.9	90.0	90.7
≥ 600	50.0	78.1	82.4	85.5	88.4	88.7	89.7	90.0	90.1	90.7	91.0	91.0	91.2	91.3	92.0
≥ 500	50.0	78.5	83.0	86.3	89.3	89.6	90.8	91.3	91.4	92.1	92.4	92.4	92.7	92.8	93.4
≥ 400	50.0	78.9	83.6	87.0	90.3	90.8	92.2	92.8	92.9	93.7	94.0	94.0	94.3	94.4	95.0
≥ 300	50.0	79.0	83.8	87.4	90.9	91.4	93.0	93.7	93.8	94.8	95.2	95.2	95.5	95.7	96.5
≥ 200	50.0	79.0	83.8	87.4	91.1	91.6	93.4	94.3	94.5	95.7	96.2	96.2	96.8	96.9	97.5
≥ 100	50.0	79.0	83.8	87.4	91.1	91.6	93.5	94.4	94.6	96.0	96.5	96.6	97.2	97.4	98.1
≥ 0	50.0	79.0	83.8	87.5	91.1	91.6	93.5	94.5	94.6	96.0	96.5	96.6	97.3	97.5	98.1

15546

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

43-46, 52-60, 62, 75-76 YEARS

JAN MONTH

0000-0200 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	26.1	51.2	55.1	57.6	59.7	59.7	59.7	60.1	60.2	60.4	60.8	61.0	61.1
≥ 20000	27.4	53.6	57.7	60.4	62.5	62.5	62.5	63.1	63.1	63.4	63.7	63.9	64.0
≥ 18000	27.4	53.6	57.7	60.4	62.5	62.5	62.5	63.1	63.1	63.4	63.7	63.9	64.0
≥ 16000	27.5	53.7	57.8	60.6	62.7	62.7	63.0	63.2	63.3	63.5	63.9	64.1	64.2
≥ 14000	27.8	54.2	58.3	61.1	63.4	63.4	63.6	63.9	63.9	64.2	64.5	64.8	65.1
≥ 12000	27.9	54.7	58.9	61.7	63.9	63.9	64.2	64.5	64.5	64.8	65.1	65.4	65.7
≥ 10000	28.0	55.4	59.9	62.7	64.9	64.9	65.2	65.4	65.5	65.7	66.1	66.3	66.7
≥ 9000	28.1	56.2	60.7	63.5	65.7	65.7	66.0	66.3	66.3	66.6	66.9	67.2	67.5
≥ 8000	28.3	57.2	61.8	65.3	67.5	67.5	67.8	68.1	68.1	68.4	68.7	69.0	69.3
≥ 7000	28.4	57.8	62.4	66.0	68.2	68.2	68.5	68.7	68.8	69.0	69.4	69.6	69.7
≥ 6000	28.8	59.2	63.9	67.5	69.9	69.9	70.2	70.5	70.5	70.8	71.1	71.4	71.7
≥ 5000	29.0	60.2	65.2	69.1	71.6	71.6	71.9	72.1	72.2	72.4	72.8	73.0	73.1
≥ 4500	29.1	60.9	66.0	69.9	72.4	72.4	72.7	72.9	73.0	73.2	73.6	73.8	73.9
≥ 4000	29.2	61.9	67.4	71.4	73.9	73.9	74.2	74.4	74.5	74.7	75.1	75.3	75.4
≥ 3500	29.4	62.6	68.1	72.1	74.6	74.6	74.9	75.2	75.2	75.5	75.8	76.1	76.4
≥ 3000	29.7	63.5	69.1	73.2	75.8	75.8	76.1	76.3	76.4	76.6	77.0	77.2	77.3
≥ 2500	30.3	64.2	70.2	74.3	76.9	76.9	77.2	77.4	77.5	77.7	78.1	78.3	78.4
≥ 2000	31.0	66.6	72.6	76.8	79.4	79.4	79.7	79.9	80.0	80.2	80.6	80.8	80.9
≥ 1800	31.0	67.2	73.3	77.5	80.0	80.0	80.3	80.6	80.6	80.9	81.2	81.5	81.8
≥ 1500	31.0	68.1	74.3	78.5	81.1	81.1	81.4	81.6	81.7	81.9	82.3	82.5	82.6
≥ 1200	31.3	69.0	75.4	79.7	82.2	82.2	82.5	82.7	82.8	83.0	83.4	83.6	83.7
≥ 1000	31.3	70.2	76.8	81.5	84.0	84.0	84.3	84.5	84.6	84.8	85.2	85.4	85.5
≥ 900	31.3	70.6	77.4	82.0	84.6	84.6	84.9	85.1	85.2	85.4	85.8	86.0	86.1
≥ 800	31.4	71.2	78.0	82.7	85.3	85.3	85.6	85.9	85.9	86.2	86.6	86.8	86.9
≥ 700	31.6	71.7	78.6	83.3	86.2	86.2	86.5	86.7	86.8	87.1	87.4	87.7	87.8
≥ 600	31.6	72.8	80.1	84.8	88.0	88.1	88.4	88.6	88.7	89.0	89.6	89.8	89.9
≥ 500	31.7	73.3	80.9	86.1	89.6	89.8	90.0	90.8	90.9	91.2	91.8	92.0	92.1
≥ 400	31.9	73.6	81.3	86.6	90.7	90.8	91.8	92.1	92.2	92.5	93.1	93.4	93.5
≥ 300	31.9	74.1	82.0	87.3	91.5	91.6	92.7	93.4	93.5	94.1	94.7	95.2	95.3
≥ 200	31.9	74.2	82.0	87.4	91.8	92.0	93.6	94.4	94.5	95.5	96.2	96.8	96.9
≥ 100	31.9	74.3	82.1	87.5	91.8	92.1	93.6	94.5	94.6	95.8	96.5	97.3	97.5
≥ 0	31.9	74.3	82.1	87.5	91.8	92.1	93.6	94.5	94.6	95.8	96.5	97.3	97.5

1337

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

STATION
MUDDY AFB GEORGIA/VALDDSTA

YEARS
43-46, 52-76

MONTH
JAN

0300-0500
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	24.1	43.2	47.2	49.9	51.3	51.5	52.1	52.5	52.5	53.1	53.5	54.2
≥ 20000	25.2	46.4	50.4	53.3	54.8	55.0	55.7	56.1	56.1	56.8	57.2	57.9
≥ 18000	25.2	46.4	50.4	53.3	54.8	55.0	55.7	56.1	56.1	56.8	57.2	57.9
≥ 16000	25.2	46.4	50.4	53.3	54.8	55.0	55.7	56.1	56.1	56.8	57.2	57.9
≥ 14000	25.5	46.8	50.9	53.7	55.4	55.6	56.4	56.8	56.8	57.4	57.9	58.5
≥ 12000	26.1	48.2	52.6	55.5	57.2	57.4	58.2	58.6	58.6	59.2	59.7	60.3
≥ 10000	26.5	49.2	53.5	56.5	58.2	58.4	59.1	59.5	59.5	60.2	60.6	61.3
≥ 9000	26.6	49.6	54.0	56.9	58.7	58.8	59.6	60.0	60.0	60.6	61.1	61.7
≥ 8000	27.1	50.8	55.4	58.4	60.1	60.3	61.0	61.4	61.4	62.1	62.5	63.2
≥ 7000	27.3	51.2	56.1	59.1	60.8	61.0	61.7	62.1	62.1	62.8	63.2	63.9
≥ 6000	27.6	52.5	57.5	60.5	62.5	62.7	63.5	63.9	63.9	64.5	65.0	65.6
≥ 5000	27.8	53.0	58.3	61.5	63.6	63.7	64.5	64.9	64.9	65.5	66.0	66.6
≥ 4500	27.9	53.4	58.7	61.9	64.0	64.1	64.9	65.3	65.3	65.9	66.4	67.0
≥ 4000	28.2	53.9	59.3	62.6	64.7	64.8	65.6	66.0	66.0	66.6	67.1	67.8
≥ 3500	28.4	54.6	60.1	63.5	65.6	65.8	66.6	67.0	67.0	67.6	68.1	68.8
≥ 3000	28.8	55.8	61.4	65.0	67.1	67.3	68.1	68.5	68.5	69.1	69.6	70.3
≥ 2500	29.5	57.0	62.6	66.2	68.4	68.5	69.3	69.7	69.7	70.4	70.8	71.5
≥ 2000	30.2	59.1	64.7	68.5	70.8	71.0	71.8	72.2	72.2	72.8	73.3	73.9
≥ 1800	30.3	59.3	65.0	68.8	71.1	71.2	72.0	72.4	72.4	73.1	73.5	74.2
≥ 1600	30.4	60.3	66.2	70.0	72.3	72.5	73.3	73.7	73.7	74.4	74.8	75.6
≥ 1400	30.7	61.7	67.8	71.6	74.1	74.3	75.2	75.6	75.6	76.2	76.7	77.4
≥ 1200	30.8	62.9	69.1	73.0	75.6	75.8	76.7	77.1	77.1	77.8	78.2	79.0
≥ 1000	31.0	63.6	69.9	73.9	76.5	76.7	77.6	78.0	78.0	78.7	79.1	79.9
≥ 900	31.0	64.1	70.7	74.8	77.5	77.7	78.6	79.0	79.0	79.7	80.1	80.9
≥ 800	31.0	64.7	71.2	75.5	78.3	78.4	79.3	79.7	79.7	80.4	80.9	81.6
≥ 700	31.0	65.1	72.3	76.7	79.6	79.8	80.6	81.1	81.2	81.8	82.5	83.3
≥ 600	31.1	65.9	73.7	78.4	81.7	82.0	83.2	83.6	83.7	84.4	85.0	85.8
≥ 500	31.1	66.4	74.4	79.5	82.8	83.1	84.6	85.2	85.2	86.1	86.7	87.5
≥ 400	31.1	66.6	74.7	79.9	83.9	84.2	86.2	87.0	87.0	87.8	88.5	89.4
≥ 300	31.2	66.7	74.8	80.5	84.6	85.0	87.4	88.3	88.4	90.1	91.1	92.7
≥ 200	31.2	66.7	74.9	80.6	84.7	85.1	87.6	88.6	88.7	90.5	91.6	93.5
≥ 100	31.2	66.7	74.9	80.6	84.7	85.1	87.6	88.6	88.7	90.5	91.6	93.5
≥ 0	31.2	66.7	74.9	80.6	84.7	85.1	87.6	88.6	88.7	90.6	91.6	93.6

1735

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

FORM
JUL 64

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOSTA

43-46,52-76

JAN

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.1	34.9	38.7	41.2	43.9	43.9	44.6	45.2	45.3	46.0	46.4	46.5	46.8	47.8	48.4
≥ 20000	19.6	37.8	41.9	44.5	47.5	47.5	48.4	49.0	49.0	49.8	50.2	50.3	50.6	51.7	52.5
≥ 18000	19.7	37.8	42.0	44.6	47.6	47.6	48.4	49.0	49.0	49.8	50.3	50.3	50.7	51.8	52.5
≥ 16000	19.7	37.8	42.0	44.6	47.6	47.6	48.4	49.0	49.1	49.9	50.3	50.3	50.7	51.9	52.6
≥ 14000	19.9	38.1	42.2	44.9	47.9	48.0	48.7	49.3	49.4	50.1	50.6	50.6	51.0	52.1	52.9
≥ 12000	20.8	39.4	43.8	46.5	49.5	49.6	50.4	51.0	51.0	51.8	52.3	52.3	52.7	53.8	54.6
≥ 10000	21.4	40.4	45.0	47.8	50.8	50.9	51.7	52.3	52.3	53.1	53.6	53.6	54.0	55.1	55.9
≥ 9000	21.6	41.0	45.5	48.4	51.4	51.5	52.3	52.9	52.9	53.7	54.2	54.2	54.6	55.8	56.5
≥ 8000	22.1	42.3	47.4	50.2	53.3	53.5	54.3	54.9	54.9	55.7	56.2	56.2	56.6	57.8	58.6
≥ 7000	22.5	43.3	48.7	51.5	54.6	54.8	55.6	56.2	56.2	57.0	57.5	57.5	57.9	59.1	59.9
≥ 6000	23.1	44.6	50.2	53.2	56.4	56.6	57.4	58.0	58.1	58.9	59.3	59.4	59.9	61.2	61.9
≥ 5000	23.3	45.8	51.7	54.8	58.1	58.3	59.1	59.7	59.8	60.6	61.0	61.1	61.5	62.8	63.7
≥ 4500	23.6	46.3	52.4	55.4	58.8	59.0	59.8	60.4	60.5	61.2	61.7	61.8	62.2	63.5	64.4
≥ 4000	24.0	47.3	53.5	56.7	60.2	60.3	61.2	61.8	61.9	62.6	63.1	63.1	63.6	64.9	65.8
≥ 3500	24.2	48.1	54.4	57.7	61.1	61.3	62.2	62.8	62.8	63.6	64.1	64.1	64.6	65.9	66.8
≥ 3000	24.5	49.0	55.5	58.9	62.3	62.6	63.5	64.1	64.2	65.0	65.5	65.5	66.0	67.3	68.2
≥ 2500	25.0	50.2	56.7	60.1	63.7	64.0	64.8	65.5	65.6	66.4	67.0	67.0	67.5	68.8	69.7
≥ 2000	25.5	51.5	58.1	61.6	65.4	65.6	66.5	67.2	67.3	68.2	68.7	68.7	69.2	70.5	71.5
≥ 1800	25.6	51.7	58.4	62.0	65.8	66.0	67.0	67.6	67.7	68.6	69.2	69.2	69.7	71.0	71.9
≥ 1500	25.9	52.9	59.6	63.3	67.2	67.5	68.4	69.1	69.2	70.1	70.6	70.7	71.2	72.5	73.4
≥ 1200	26.6	54.7	61.7	65.4	69.6	69.9	71.0	71.7	71.8	72.8	73.3	73.3	73.8	75.1	76.0
≥ 1000	26.7	55.9	63.2	66.9	71.2	71.5	72.7	73.4	73.5	74.5	75.0	75.1	75.6	76.9	77.8
≥ 900	26.8	56.4	63.8	67.6	71.9	72.2	73.4	74.1	74.2	75.3	75.9	75.9	76.4	77.7	78.6
≥ 800	26.9	57.6	65.3	69.2	73.5	73.9	75.1	75.9	76.0	77.0	77.6	77.6	78.1	79.5	80.4
≥ 700	27.0	58.3	66.1	70.2	74.8	75.1	76.4	77.2	77.3	78.4	78.9	79.0	79.5	80.8	81.7
≥ 600	27.0	58.8	66.9	71.5	76.1	76.4	78.0	78.8	78.9	80.0	80.6	80.6	81.1	82.4	83.3
≥ 500	27.2	59.4	68.1	73.0	77.9	78.3	80.1	80.9	81.0	82.1	82.7	82.7	83.3	84.6	85.6
≥ 400	27.2	59.7	68.6	73.8	79.2	79.7	81.6	82.5	82.7	83.9	84.5	84.5	85.2	86.5	87.5
≥ 300	27.3	59.8	69.0	74.4	79.9	80.6	82.9	83.9	84.0	85.4	86.1	86.2	86.9	88.8	90.0
≥ 200	27.3	59.8	69.0	74.5	80.5	81.2	83.7	85.0	85.2	86.9	87.9	88.2	89.6	92.3	94.6
≥ 100	27.3	59.8	69.0	74.5	80.6	81.3	83.8	85.2	85.4	87.2	88.5	88.9	90.7	94.0	98.4
≥ 0	27.3	59.8	69.0	74.6	80.7	81.3	83.9	85.3	85.4	87.2	88.6	88.9	90.7	94.2	100.0

TOTAL NUMBER OF OBSERVATIONS

2312

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDDSTA

43-46, 52-76

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	22.3	39.0	41.3	42.5	43.3	43.5	43.9	44.0	44.1	44.1	44.2
≥ 20000	25.3	43.9	46.6	48.0	49.0	49.2	49.6	49.7	49.7	49.8	49.9
≥ 18000	25.6	44.2	47.0	48.4	49.3	49.6	49.9	50.1	50.1	50.2	50.3
≥ 16000	25.9	44.6	47.5	48.8	49.8	50.1	50.4	50.6	50.7	50.8	50.8
≥ 14000	26.0	44.9	47.9	49.3	50.3	50.6	51.0	51.1	51.1	51.2	51.3
≥ 12000	27.0	46.6	49.9	51.3	52.4	52.7	53.1	53.2	53.3	53.4	53.5
≥ 10000	28.1	48.3	51.9	53.3	54.4	54.7	55.1	55.2	55.3	55.4	55.5
≥ 9000	28.2	48.6	52.2	53.6	54.7	55.0	55.4	55.6	55.6	55.7	55.8
≥ 8000	29.2	50.2	54.0	55.5	56.6	56.9	57.3	57.5	57.6	57.6	57.8
≥ 7000	29.6	51.2	55.2	56.8	57.9	58.3	58.6	58.8	58.9	59.0	59.1
≥ 6000	29.8	52.2	56.3	58.0	59.4	59.8	60.2	60.4	60.5	60.6	60.7
≥ 5000	30.5	54.1	58.4	60.1	61.6	62.0	62.4	62.7	62.7	62.8	63.0
4500	30.8	54.6	59.0	60.7	62.2	62.7	63.1	63.4	63.4	63.5	63.6
≥ 4000	31.3	55.9	60.5	62.2	63.8	64.3	64.7	65.0	65.0	65.1	65.2
≥ 3500	31.3	56.3	60.9	62.7	64.3	64.8	65.3	65.6	65.6	65.7	65.8
≥ 3000	32.0	57.7	62.5	64.4	66.1	66.7	67.1	67.4	67.5	67.6	67.7
≥ 2500	32.9	59.2	64.1	66.1	67.9	68.4	68.9	69.2	69.2	69.3	69.5
≥ 2000	33.7	60.8	66.0	68.0	69.9	70.4	70.9	71.2	71.3	71.3	71.5
≥ 1800	34.0	61.4	66.7	68.8	70.7	71.2	71.7	72.0	72.0	72.1	72.3
≥ 1500	34.7	62.9	68.3	70.4	72.4	73.0	73.5	73.9	73.9	74.0	74.1
≥ 1200	35.2	64.5	70.1	72.3	74.4	75.1	75.5	76.0	76.0	76.1	76.2
≥ 1000	35.6	66.3	72.3	74.7	77.0	77.6	78.3	78.7	78.8	78.9	79.0
≥ 900	35.8	67.4	73.7	76.2	78.6	79.2	79.9	80.4	80.4	80.6	80.7
≥ 800	35.9	68.6	75.1	77.8	80.2	80.9	81.6	82.1	82.2	82.4	82.5
≥ 700	35.9	69.1	75.7	78.5	81.0	81.7	82.5	83.2	83.2	83.4	83.6
≥ 600	36.1	70.0	76.9	80.0	82.7	83.5	84.4	85.1	85.2	85.3	85.5
≥ 500	36.2	71.1	78.2	81.7	84.9	85.7	86.9	87.7	87.9	88.1	88.3
≥ 400	36.2	71.7	79.2	82.9	86.8	87.7	89.2	90.2	90.5	91.0	91.3
≥ 300	36.2	71.8	79.5	83.4	87.4	88.4	90.6	92.0	92.2	93.0	93.5
≥ 200	36.2	71.8	79.5	83.4	87.5	88.5	91.0	92.5	93.0	94.1	95.1
≥ 100	36.2	71.8	79.5	83.4	87.6	88.6	91.1	92.6	93.2	94.4	95.3
≥ 0	36.2	71.9	79.5	83.4	87.6	88.6	91.1	92.7	93.2	94.4	95.4

2429

TOTAL NUMBER OF OBSERVATIONS

FORM
JUL 64

USAF ETAC

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

43-46,52-76

YEARS

JAN
MONTH

1200-1400
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	37.4	47.1	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 20000	42.9	55.6	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 18000	43.2	56.0	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 16000	43.4	56.4	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 14000	43.8	57.0	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7
≥ 12000	44.8	58.4	59.0	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3
≥ 10000	45.9	59.9	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 9000	46.3	60.5	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 8000	47.5	63.0	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1
≥ 7000	48.2	64.6	65.4	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7
≥ 6000	48.7	65.6	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 5000	49.6	67.2	68.1	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4500	50.0	67.9	68.8	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 4000	50.8	69.4	70.4	70.7	71.0	71.0	71.1	71.1	71.1	71.1	71.1
≥ 3500	51.5	70.8	71.8	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 3000	53.0	73.4	74.3	74.7	75.0	75.0	75.1	75.1	75.1	75.1	75.1
≥ 2500	54.5	75.6	76.7	77.1	77.4	77.4	77.5	77.5	77.5	77.5	77.5
≥ 2000	56.2	78.6	79.9	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1800	56.7	79.7	81.0	81.5	81.9	81.9	82.0	82.0	82.0	82.0	82.0
≥ 1500	57.3	81.7	83.3	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1200	58.4	84.4	86.2	87.0	87.5	87.5	87.6	87.6	87.6	87.6	87.6
≥ 1000	58.9	86.2	88.2	89.3	89.9	89.9	90.0	90.0	90.0	90.0	90.0
≥ 900	59.2	87.2	89.1	90.3	90.9	90.9	91.0	91.1	91.1	91.1	91.1
≥ 800	59.4	87.9	90.1	91.4	92.3	92.3	92.5	92.6	92.6	92.6	92.6
≥ 700	59.6	88.9	91.2	92.6	93.5	93.6	94.0	94.0	94.1	94.1	94.1
≥ 600	59.6	89.3	91.6	93.2	94.3	94.4	94.7	94.8	94.9	94.9	94.9
≥ 500	59.6	89.9	92.7	94.4	95.8	95.9	96.6	96.9	97.0	97.0	97.0
≥ 400	59.6	90.1	93.0	94.9	96.5	96.8	97.6	98.1	98.2	98.5	98.6
≥ 300	59.6	90.1	93.1	95.1	96.8	97.1	98.0	98.6	98.7	99.1	99.3
≥ 200	59.6	90.1	93.1	95.1	96.9	97.1	98.1	98.7	98.9	99.4	99.6
≥ 100	59.6	90.1	93.1	95.1	96.9	97.1	98.1	98.7	98.9	99.4	99.6
≥ 0	59.6	90.1	93.1	95.1	96.9	97.1	98.1	98.7	98.9	99.4	99.6

2514

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION MUDDY AFB GEORGIA/VALDOSTA 43-46, 52-76 YEARS MONTH JAN
1500-1700 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.1	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 20000	51.1	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000	51.3	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 16000	51.4	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	52.1	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 12000	53.1	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 10000	54.0	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 9000	54.3	66.6	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	55.9	69.4	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 7000	56.8	71.0	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 6000	57.4	72.4	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 5000	58.7	74.2	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0
≥ 4500	59.1	74.7	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4000	60.4	76.3	76.7	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3
≥ 3500	60.8	77.3	77.8	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3000	62.5	80.1	80.8	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4
≥ 2500	63.9	82.6	83.5	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2000	65.5	86.1	87.2	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2
≥ 1800	66.0	87.2	88.3	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3
≥ 1500	66.5	88.3	89.7	90.4	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1200	67.0	89.3	90.7	91.6	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	67.2	90.2	91.8	93.0	93.2	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	67.3	90.4	92.2	93.5	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	67.3	90.8	92.8	94.1	94.4	94.5	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	67.4	91.1	93.5	94.9	95.2	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	67.4	91.6	93.7	95.2	95.9	96.1	96.4	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9
≥ 500	67.4	91.9	94.2	95.8	96.7	97.0	97.5	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0
≥ 400	67.5	92.2	94.8	96.4	97.5	97.8	98.4	98.8	98.9	99.2	99.3	99.3	99.3	99.3	99.3
≥ 300	67.5	92.2	94.8	96.4	97.5	97.9	98.5	99.0	99.2	99.4	99.5	99.6	99.6	99.6	99.6
≥ 200	67.5	92.2	94.8	96.4	97.5	97.9	98.5	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6
≥ 100	67.5	92.2	94.8	96.4	97.5	97.9	98.5	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6
≥ 0	67.5	92.2	94.8	96.4	97.5	97.9	98.5	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 2476

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

43-46, 52-76

YEARS

JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	40.8	57.4	59.2	59.9	60.1	60.1	60.3	60.3	60.3	60.3	60.3
≥ 20000	45.6	64.3	66.2	67.0	67.3	67.3	67.6	67.6	67.6	67.6	67.6
≥ 18000	45.7	64.4	66.2	67.1	67.4	67.4	67.6	67.6	67.6	67.6	67.6
≥ 16000	45.7	64.5	66.3	67.2	67.5	67.5	67.7	67.7	67.7	67.7	67.7
≥ 14000	46.2	65.4	67.3	68.2	68.5	68.5	68.7	68.7	68.7	68.7	68.7
≥ 12000	46.7	66.9	68.9	69.8	70.1	70.1	70.3	70.3	70.3	70.3	70.3
≥ 10000	47.9	69.0	71.0	72.0	72.3	72.3	72.5	72.5	72.5	72.5	72.5
≥ 9000	48.1	69.5	71.6	72.5	72.8	72.8	73.1	73.1	73.1	73.1	73.1
≥ 8000	48.7	71.5	73.8	74.8	75.1	75.1	75.3	75.3	75.3	75.3	75.3
≥ 7000	49.6	73.0	75.4	76.3	76.6	76.6	76.9	76.9	76.9	76.9	76.9
≥ 6000	50.2	73.8	76.2	77.2	77.5	77.5	77.7	77.7	77.7	77.7	77.7
≥ 5000	51.3	75.5	78.0	79.1	79.4	79.4	79.7	79.7	79.7	79.7	79.7
≥ 4500	51.5	76.1	78.6	79.8	80.1	80.1	80.4	80.4	80.4	80.4	80.4
≥ 4000	52.1	77.3	79.9	81.1	81.5	81.5	81.9	81.9	81.9	81.9	81.9
≥ 3500	52.3	78.5	81.1	82.4	82.8	82.9	83.2	83.2	83.2	83.2	83.2
≥ 3000	53.1	79.6	82.4	83.8	84.3	84.3	84.6	84.6	84.6	84.6	84.6
≥ 2500	53.8	81.6	84.7	86.4	86.9	86.9	87.2	87.2	87.2	87.2	87.2
≥ 2000	54.8	83.5	86.8	88.7	89.2	89.3	89.7	89.7	89.7	89.7	89.7
≥ 1800	55.1	84.3	87.6	89.6	90.1	90.2	90.6	90.6	90.6	90.6	90.6
≥ 1500	55.3	85.3	88.8	90.9	91.5	91.6	92.0	92.0	92.1	92.1	92.1
≥ 1200	55.6	86.6	90.0	92.3	92.9	93.0	93.5	93.5	93.6	93.6	93.6
≥ 1000	55.7	87.1	90.7	93.0	93.6	93.8	94.3	94.4	94.4	94.4	94.4
≥ 900	55.7	87.3	90.8	93.1	93.8	93.9	94.5	94.5	94.6	94.6	94.6
≥ 800	55.7	87.5	91.0	93.5	94.3	94.5	95.2	95.3	95.3	95.4	95.4
≥ 700	55.8	87.7	91.5	94.0	94.8	95.1	95.8	95.8	95.9	96.0	96.0
≥ 600	55.9	87.8	91.5	94.1	95.1	95.4	96.1	96.2	96.3	96.4	96.4
≥ 500	55.9	88.1	91.9	94.6	95.8	96.1	97.1	97.3	97.3	97.7	97.7
≥ 400	55.9	88.4	92.3	95.0	96.4	96.7	97.7	98.1	98.2	98.6	98.6
≥ 300	55.9	88.4	92.4	95.1	96.7	97.0	98.1	98.5	98.7	99.2	99.2
≥ 200	55.9	88.5	92.5	95.4	96.9	97.2	98.4	98.9	99.1	99.6	99.7
≥ 100	55.9	88.5	92.5	95.4	96.9	97.2	98.4	98.9	99.1	99.6	99.9
≥ 0	55.9	88.5	92.5	95.4	96.9	97.2	98.4	98.9	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2130

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VAJOSTA

43-46,52-76

STATION NAME

YEARS

JAN MONTH

2100-2300 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	32.5	57.3	60.6	63.2	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.5	64.5
≥ 20000	34.8	60.4	63.8	66.5	67.5	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.9	67.9
≥ 18000	34.8	60.4	63.8	66.5	67.5	67.5	67.7	67.7	67.7	67.8	67.9	67.9	67.9	67.9
≥ 16000	34.8	60.5	63.9	66.6	67.6	67.6	67.7	67.8	67.8	67.9	67.9	67.9	68.0	68.0
≥ 14000	35.5	61.4	64.9	67.7	68.7	68.7	68.8	68.9	68.9	68.9	68.9	69.0	69.1	69.1
≥ 12000	36.1	62.6	66.3	69.0	70.0	70.0	70.2	70.2	70.2	70.3	70.3	70.3	70.4	70.4
≥ 10000	36.4	63.5	67.4	70.2	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.5	71.6	71.6
≥ 9000	36.5	64.0	68.0	70.9	71.9	71.9	72.0	72.1	72.1	72.1	72.1	72.2	72.3	72.3
≥ 8000	36.7	65.4	69.5	72.6	73.7	73.7	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.0
≥ 7000	37.2	66.4	70.7	73.9	75.0	75.0	75.1	75.2	75.2	75.3	75.3	75.3	75.4	75.4
≥ 6000	37.6	67.5	71.9	75.2	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.6	76.7	76.7
≥ 5000	37.9	68.8	73.2	76.5	77.6	77.6	77.7	77.8	77.8	77.9	77.9	77.9	78.0	78.0
≥ 4500	38.1	69.6	74.1	77.4	78.5	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.9	78.9
≥ 4000	38.5	71.2	75.8	79.2	80.3	80.3	80.4	80.5	80.5	80.5	80.5	80.6	80.7	80.7
≥ 3500	38.7	71.7	76.4	80.0	81.1	81.1	81.3	81.3	81.3	81.4	81.4	81.4	81.5	81.5
≥ 3000	38.8	72.6	77.5	81.1	82.2	82.2	82.3	82.4	82.4	82.5	82.5	82.6	82.7	82.7
≥ 2500	39.2	73.9	78.8	82.4	83.5	83.5	83.7	83.8	83.8	83.9	83.9	84.0	84.1	84.1
≥ 2000	40.1	75.8	81.1	84.8	86.0	86.0	86.2	86.2	86.2	86.4	86.4	86.4	86.5	86.5
≥ 1800	40.2	76.2	81.4	85.3	86.4	86.4	86.6	86.7	86.7	86.8	86.8	86.9	86.9	86.9
≥ 1500	40.6	77.8	83.3	87.2	88.3	88.3	88.6	88.7	88.7	88.8	88.8	88.9	89.0	89.0
≥ 1200	40.9	79.3	84.9	88.8	90.0	90.0	90.3	90.4	90.4	90.5	90.5	90.6	90.6	90.6
≥ 1000	41.3	80.3	86.0	90.0	91.3	91.3	91.6	91.6	91.6	91.8	91.8	91.8	91.9	91.9
≥ 900	41.3	80.7	86.4	90.4	91.7	91.7	92.1	92.2	92.2	92.3	92.3	92.3	92.4	92.4
≥ 800	41.3	81.0	86.7	90.8	92.2	92.2	92.7	92.7	92.7	92.9	92.9	92.9	93.0	93.0
≥ 700	41.3	81.1	86.9	91.0	92.5	92.5	93.0	93.1	93.1	93.2	93.2	93.3	93.4	93.4
≥ 600	41.3	81.4	87.4	91.6	93.3	93.3	93.9	93.9	93.9	94.1	94.1	94.1	94.2	94.2
≥ 500	41.3	81.8	87.9	92.3	94.4	94.5	95.2	95.3	95.3	95.5	95.7	95.8	95.9	95.9
≥ 400	41.4	82.1	88.5	93.1	95.2	95.3	96.4	96.5	96.6	96.8	97.0	97.1	97.1	97.1
≥ 300	41.4	82.3	88.7	93.3	95.5	95.6	96.9	97.2	97.3	97.6	97.8	97.8	97.9	97.9
≥ 200	41.4	82.3	88.8	93.4	95.9	96.0	97.4	98.0	98.2	98.7	98.9	99.0	99.0	99.1
≥ 100	41.4	82.3	88.8	93.5	96.0	96.0	97.5	98.1	98.3	98.8	99.2	99.4	99.5	99.6
≥ 0	41.4	82.3	88.8	93.5	96.0	96.0	97.5	98.1	98.3	98.8	99.2	99.5	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS

1568

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

43-46, 52-62, 67, 75-76 YEARS

FEB MONTH

0000-0200
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	21.1	49.9	54.0	56.5	58.6	58.7	59.5	59.8	59.8	60.0	60.1	60.1	60.3
≥ 20000	21.9	51.9	56.3	59.4	61.4	61.6	62.5	62.8	62.9	63.0	63.1	63.1	63.3
≥ 18000	21.9	51.9	56.3	59.4	61.4	61.6	62.5	62.8	62.9	63.0	63.1	63.1	63.3
≥ 16000	21.9	51.9	56.3	59.4	61.4	61.6	62.5	62.8	62.9	63.0	63.1	63.1	63.3
≥ 14000	22.4	52.9	57.4	60.6	62.7	62.9	63.8	64.0	64.1	64.3	64.4	64.4	64.6
≥ 12000	22.6	53.8	58.3	61.5	63.6	63.7	64.7	64.9	65.0	65.2	65.2	65.2	65.5
≥ 10000	23.0	56.0	60.7	64.2	66.3	66.4	67.4	67.6	67.7	67.9	67.9	68.2	68.3
≥ 9000	23.1	56.7	61.5	65.0	67.1	67.2	68.2	68.4	68.5	68.7	68.7	69.0	69.1
≥ 8000	23.7	57.7	62.5	66.3	68.3	68.5	69.4	69.7	69.8	69.9	70.0	70.2	70.4
≥ 7000	23.9	58.6	63.4	67.1	69.2	69.4	70.3	70.6	70.6	70.8	70.9	71.1	71.3
≥ 6000	24.4	59.8	64.6	68.3	70.4	70.6	71.5	71.7	71.8	72.1	72.2	72.5	72.6
≥ 5000	24.6	61.0	66.1	69.9	72.1	72.3	73.3	73.6	73.7	74.0	74.0	74.3	74.4
≥ 4500	24.8	61.3	66.6	70.5	72.9	73.0	74.0	74.3	74.4	74.7	74.8	75.0	75.2
≥ 4000	24.9	62.1	67.3	71.5	74.0	74.1	75.1	75.4	75.5	75.8	75.9	76.1	76.3
≥ 3500	24.9	63.1	68.3	72.8	75.2	75.4	76.3	76.7	76.7	77.1	77.1	77.4	77.5
≥ 3000	25.4	64.2	69.4	74.0	76.4	76.6	77.5	77.9	77.9	78.3	78.3	78.6	78.7
≥ 2500	25.5	64.9	70.2	74.8	77.2	77.4	78.3	78.7	78.7	79.0	79.1	79.4	79.5
≥ 2000	25.9	67.1	72.4	77.1	79.5	79.7	80.6	81.0	81.0	81.4	81.5	81.7	81.9
≥ 1800	26.0	67.9	73.3	78.0	80.5	80.6	81.6	81.9	82.0	82.4	82.5	82.7	82.9
≥ 1500	26.3	69.1	74.7	79.5	82.2	82.4	83.3	83.7	83.7	84.1	84.2	84.4	84.6
≥ 1200	26.5	69.5	75.2	80.3	83.0	83.2	84.1	84.4	84.5	84.9	85.0	85.2	85.4
≥ 1000	26.5	70.7	76.6	81.7	84.4	84.7	85.8	86.1	86.2	86.6	86.7	87.1	87.2
≥ 900	26.5	72.1	78.1	83.2	86.0	86.2	87.4	87.7	87.8	88.3	88.3	88.7	88.9
≥ 800	26.5	73.0	79.2	84.3	87.1	87.3	88.5	88.8	88.9	89.4	89.4	89.9	90.1
≥ 700	26.5	73.3	79.8	84.8	87.8	88.0	89.2	89.5	89.6	90.1	90.2	90.6	90.8
≥ 600	26.6	74.0	80.8	86.0	89.1	89.4	90.6	91.0	91.0	91.5	91.6	92.1	92.2
≥ 500	26.6	74.5	81.8	87.2	90.6	91.0	92.3	92.7	92.8	93.3	93.3	93.9	94.0
≥ 400	26.6	74.8	82.1	87.8	91.3	91.7	93.4	93.9	94.0	94.5	94.7	95.2	95.4
≥ 300	26.6	75.0	82.5	88.4	92.1	92.4	94.4	95.0	95.1	95.7	96.0	96.5	96.7
≥ 200	26.6	75.0	82.5	88.7	92.5	92.9	95.2	95.7	95.9	96.7	97.1	98.3	98.8
≥ 100	26.6	75.0	82.5	88.7	92.5	92.9	95.3	95.9	96.0	97.2	97.7	98.9	99.5
≥ 0	26.6	75.0	82.5	88.7	92.5	92.9	95.3	95.9	96.0	97.2	97.7	99.0	100.0

1260

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

STATION NAME
MUDDY AFB GEORGIA/VALDOSTA

YEARS
43-46, 52-76

MONTH
FEB

0300-0500
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING ≥ 20000	21.5	42.7	47.4	50.8	52.7	52.8	53.4	54.0	54.0	54.1	54.3	54.3	54.6
≥ 18000	22.8	45.4	50.6	54.3	56.2	56.3	56.9	57.5	57.5	57.7	57.8	57.8	58.1
≥ 16000	22.8	45.4	50.6	54.3	56.2	56.3	56.9	57.5	57.5	57.7	57.8	57.8	58.1
≥ 14000	22.8	45.4	50.6	54.3	56.2	56.3	56.9	57.5	57.5	57.7	57.8	57.8	58.1
≥ 12000	23.0	46.1	51.4	55.0	57.0	57.2	57.8	58.4	58.4	58.5	58.7	58.7	59.0
≥ 10000	23.2	46.7	51.9	55.6	57.6	57.7	58.3	59.0	59.0	59.1	59.3	59.3	59.6
≥ 9000	23.5	48.9	54.5	58.2	60.2	60.4	61.0	61.6	61.6	61.8	62.0	62.0	62.3
≥ 8000	23.5	49.1	54.8	58.6	60.8	60.9	61.5	62.2	62.2	62.3	62.5	62.5	62.8
≥ 7000	24.0	50.4	56.2	60.2	62.4	62.6	63.2	63.9	63.9	64.0	64.2	64.2	64.5
≥ 6000	24.3	51.4	57.4	61.4	63.8	63.9	64.5	65.2	65.2	65.3	65.5	65.5	65.8
≥ 5000	24.5	52.2	58.4	62.4	64.8	64.9	65.5	66.2	66.2	66.4	66.7	66.7	67.0
≥ 4500	24.6	53.3	59.7	63.7	66.1	66.2	66.8	67.5	67.5	67.7	68.0	68.0	68.3
≥ 4000	24.7	53.6	60.0	64.0	66.4	66.5	67.1	67.8	67.8	68.0	68.3	68.3	68.6
≥ 3500	24.9	54.5	60.9	65.0	67.9	68.0	68.7	69.3	69.3	69.6	69.8	69.8	70.1
≥ 3000	25.0	54.9	61.4	65.6	68.5	68.7	69.3	70.0	70.0	70.3	70.5	70.5	70.8
≥ 2500	25.4	55.8	62.5	66.8	69.8	69.9	70.6	71.2	71.2	71.5	71.7	71.7	72.0
≥ 2000	25.7	56.8	64.0	68.4	71.4	71.5	72.2	72.8	72.8	73.1	73.3	73.3	73.6
≥ 1800	26.4	58.7	66.1	70.6	73.6	73.8	74.4	75.1	75.1	75.4	75.6	75.6	75.9
≥ 1500	26.4	59.9	67.8	72.5	75.4	75.6	76.3	77.0	77.0	77.3	77.6	77.6	78.0
≥ 1200	26.6	61.2	69.3	74.2	77.3	77.4	78.1	78.9	78.9	79.2	79.5	79.5	79.9
≥ 1000	26.7	62.0	70.1	75.5	78.6	78.8	79.5	80.2	80.2	80.5	80.8	80.8	81.3
≥ 900	26.9	62.9	71.4	76.8	80.0	80.1	80.8	81.6	81.6	81.9	82.2	82.2	82.7
≥ 800	27.1	63.7	72.4	78.1	81.3	81.5	82.2	82.9	82.9	83.3	83.6	83.6	84.0
≥ 700	27.3	65.2	74.1	80.0	83.3	83.5	84.3	85.0	85.0	85.4	85.7	85.7	86.1
≥ 600	27.4	65.6	74.7	80.6	84.1	84.3	85.1	85.9	85.9	86.2	86.5	86.5	87.0
≥ 500	27.4	65.9	75.6	81.6	85.2	85.4	86.5	87.2	87.2	87.6	87.9	87.9	88.3
≥ 400	27.4	66.5	76.5	82.9	86.8	87.0	88.3	89.1	89.1	89.6	89.9	89.9	90.4
≥ 300	27.4	66.7	76.8	83.3	87.8	88.1	89.9	90.9	90.9	91.5	91.9	91.9	92.3
≥ 200	27.4	66.7	77.0	83.7	88.4	89.1	91.3	92.6	92.6	94.0	94.8	94.8	95.7
≥ 100	27.4	66.7	77.0	83.7	88.5	89.2	91.4	92.9	92.9	94.3	95.3	95.3	96.6
≥ 0	27.4	66.7	77.0	83.7	88.5	89.2	91.4	92.9	92.9	94.3	95.3	95.3	96.6

TOTAL NUMBER OF OBSERVATIONS 1627

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOSTA

43-46, 52-76

STATION NAME

YEARS

FEB

MONTH

C600-0800
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	≥ 20000	18.8	33.8	37.9	41.1	43.6	43.6	44.8	45.8	45.8	46.2	46.4	46.4	46.9	47.4	47.7
	≥ 18000	20.6	37.6	42.2	45.8	48.3	48.4	49.5	50.5	50.5	50.9	51.1	51.1	51.6	52.2	52.6
	≥ 16000	20.7	37.9	42.5	46.0	48.6	48.6	49.8	50.8	50.8	51.2	51.4	51.4	51.9	52.5	52.9
	≥ 14000	20.7	38.0	42.6	46.2	48.7	48.8	50.0	50.9	50.9	51.4	51.6	51.6	52.1	52.6	53.0
	≥ 12000	21.2	38.6	43.2	46.8	49.3	49.3	50.5	51.5	51.5	51.9	52.1	52.1	52.6	53.2	53.6
	≥ 10000	21.8	39.7	44.3	48.0	50.6	50.7	51.8	52.8	52.9	53.4	53.6	53.6	54.1	54.7	55.0
	≥ 9000	22.0	41.1	45.9	49.6	52.4	52.4	53.7	54.7	54.7	55.3	55.5	55.5	56.0	56.5	56.9
	≥ 8000	22.0	41.3	46.0	49.8	52.5	52.6	53.8	54.8	54.8	55.4	55.6	55.6	56.1	56.2	57.1
	≥ 7000	22.7	42.7	47.6	51.4	54.1	54.2	55.5	56.5	56.5	57.1	57.3	57.3	57.8	58.3	58.7
	≥ 6000	23.2	43.7	48.8	52.8	55.7	55.7	57.1	58.1	58.1	58.7	58.9	58.9	59.4	59.9	60.3
	≥ 5000	23.5	44.6	49.9	53.9	57.0	57.1	58.4	59.4	59.4	60.0	60.2	60.2	60.7	60.8	61.7
	≥ 4500	23.9	45.3	50.9	55.0	58.1	58.2	59.6	60.6	60.7	61.3	61.5	61.5	62.1	62.7	63.0
	≥ 4000	24.0	45.8	51.5	55.6	58.9	59.0	60.4	61.4	61.4	62.1	62.3	62.3	62.9	63.4	63.8
	≥ 3500	24.2	46.6	52.5	56.8	60.2	60.3	61.8	62.9	62.9	63.6	63.8	63.8	64.4	64.5	65.3
	≥ 3000	24.4	47.3	53.2	57.5	61.1	61.2	62.7	63.8	63.8	64.5	64.8	64.8	65.3	65.4	66.3
	≥ 2500	24.9	48.6	54.8	59.1	62.9	62.9	64.5	65.6	65.6	66.2	66.6	66.6	67.1	67.2	68.1
≥ 2000	25.3	49.6	56.1	60.4	64.3	64.4	65.9	67.0	67.0	67.7	68.0	68.0	68.5	68.6	69.5	
≥ 1800	25.9	51.3	57.8	62.2	66.2	66.3	68.0	69.1	69.2	69.8	70.1	70.1	70.7	70.7	71.6	
≥ 1500	25.9	51.6	58.2	62.7	66.7	66.8	68.5	69.7	69.8	70.4	70.7	70.7	71.3	71.3	72.2	
≥ 1200	26.2	52.8	59.6	64.1	68.1	68.3	70.1	71.3	71.3	71.9	72.3	72.3	72.9	73.4	73.8	
≥ 1000	26.8	54.0	61.8	66.5	70.7	70.9	72.7	74.0	74.0	74.7	75.0	75.1	75.7	75.8	76.6	
≥ 900	27.0	56.1	63.5	68.4	72.6	72.9	74.9	76.1	76.1	76.8	77.2	77.3	77.9	78.4	78.8	
≥ 800	27.2	57.0	64.6	69.5	73.8	74.1	76.2	77.4	77.5	78.2	78.6	78.6	79.2	79.3	80.2	
≥ 700	27.3	57.6	65.4	70.4	75.0	75.2	77.3	78.5	78.6	79.3	79.7	79.8	80.4	80.9	81.3	
≥ 600	27.4	58.3	66.3	71.4	76.1	76.4	78.5	79.7	79.8	80.5	80.9	80.9	81.5	81.6	82.5	
≥ 500	27.5	59.1	67.4	72.7	77.8	78.2	80.4	81.6	81.7	82.4	82.8	82.9	83.5	83.5	84.4	
≥ 400	27.7	60.1	68.8	74.6	80.2	80.7	83.2	84.5	84.6	85.3	85.7	85.7	86.3	86.4	87.3	
≥ 300	27.9	60.9	70.0	76.0	81.8	82.3	85.0	86.4	86.6	87.4	87.9	87.9	88.5	88.6	89.5	
≥ 200	27.9	61.0	70.2	76.5	82.9	83.7	86.8	88.5	88.7	89.7	90.2	90.2	91.0	91.1	92.2	
≥ 100	27.9	61.1	70.2	76.6	83.1	84.0	87.6	89.6	90.0	91.4	92.1	92.2	93.3	93.5	95.6	
≥ 0	27.9	61.1	70.2	76.7	83.2	84.1	87.7	89.8	90.2	91.7	92.6	92.7	94.3	94.6	98.2	
≥ 0	27.9	61.1	70.2	76.7	83.2	84.1	87.7	89.8	90.2	91.7	92.6	92.7	94.3	94.6	100.0	

TOTAL NUMBER OF OBSERVATIONS

2124

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

138.0

STATION NAME
MUDDY AFB GEORGIA/VALDOSTA

YEARS
43-46, 52-76

MONTH
FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	25.4	42.5	44.5	45.6	46.3	46.4	46.5	46.6	46.7	46.7	46.8
≥ 20000	28.0	47.2	49.6	50.8	51.7	51.8	51.9	52.0	52.1	52.1	52.3
≥ 18000	28.0	47.4	49.7	50.9	51.8	51.9	52.0	52.2	52.2	52.3	52.4
≥ 16000	28.3	47.7	50.0	51.3	52.2	52.3	52.4	52.5	52.6	52.6	52.8
≥ 14000	28.8	48.5	50.8	52.1	53.0	53.1	53.2	53.3	53.4	53.4	53.6
≥ 12000	29.7	50.0	52.3	53.6	54.5	54.6	54.7	54.8	54.9	54.9	55.1
≥ 10000	30.6	52.2	54.5	55.8	56.9	56.9	57.1	57.3	57.3	57.3	57.5
≥ 9000	30.8	52.6	55.0	56.4	57.4	57.5	57.6	57.8	57.8	57.9	58.0
≥ 8000	31.5	54.5	57.0	58.5	59.6	59.7	59.8	60.0	60.1	60.1	60.2
≥ 7000	32.0	56.2	58.8	60.4	61.4	61.5	61.7	61.9	62.0	62.1	62.1
≥ 6000	32.3	57.0	59.7	61.3	62.4	62.5	62.6	62.8	62.9	63.0	63.1
≥ 5000	32.9	58.2	60.9	62.6	63.7	63.8	64.1	64.3	64.4	64.5	64.6
≥ 4500	33.0	58.5	61.2	62.9	64.0	64.1	64.4	64.6	64.7	64.8	64.9
≥ 4000	33.3	59.2	62.0	63.7	64.8	64.9	65.3	65.5	65.6	65.7	65.7
≥ 3500	33.7	59.7	62.7	64.5	65.7	65.7	66.1	66.3	66.4	66.6	66.6
≥ 3000	34.6	61.4	64.5	66.4	67.6	67.7	68.1	68.3	68.4	68.5	68.6
≥ 2500	35.3	62.9	66.0	68.0	69.1	69.5	69.9	70.1	70.2	70.4	70.4
≥ 2000	36.3	65.4	68.9	71.0	72.5	72.6	73.0	73.3	73.4	73.6	73.6
≥ 1800	36.5	66.1	69.6	71.7	73.2	73.3	73.7	74.0	74.1	74.2	74.4
≥ 1500	37.3	68.0	71.7	73.9	75.5	75.6	76.0	76.3	76.4	76.5	76.7
≥ 1200	38.1	70.4	74.4	77.0	79.0	79.1	79.6	79.9	80.0	80.1	80.3
≥ 1000	38.4	72.4	76.6	79.4	81.5	81.6	82.1	82.5	82.6	82.7	82.9
≥ 900	38.5	73.2	77.6	80.3	82.0	82.7	83.3	83.7	83.8	84.0	84.0
≥ 800	38.7	74.2	78.8	81.6	84.3	84.5	85.1	85.5	85.6	85.9	86.0
≥ 700	39.0	75.5	80.2	83.1	85.9	86.3	87.0	87.5	87.6	87.9	88.0
≥ 600	39.1	76.3	81.5	84.5	87.5	87.9	88.8	89.3	89.4	89.6	89.9
≥ 500	39.3	77.1	82.7	86.1	89.6	90.1	91.5	92.3	92.7	93.0	93.2
≥ 400	39.3	77.4	83.1	86.9	90.6	91.1	92.7	93.9	94.1	94.7	95.1
≥ 300	39.3	77.5	83.3	87.1	91.1	91.8	93.7	95.2	95.5	96.4	97.0
≥ 200	39.3	77.5	83.3	87.1	91.2	91.9	93.9	95.5	95.9	97.4	98.2
≥ 100	39.3	77.5	83.3	87.1	91.2	91.9	93.9	95.5	95.9	97.4	98.2
≥ 0	39.3	77.5	83.3	87.1	91.2	91.9	93.9	95.5	95.9	97.4	98.2

TOTAL NUMBER OF OBSERVATIONS

2248

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITION

IF THIS FORM IS OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

43-46, 52-76

STATION NAME

YEARS

FEB
MONTH

1200-1400
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	38.0	47.2	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7
≥ 20000	43.6	54.7	55.2	55.2	55.2	55.2	55.3	55.4	55.4	55.4	55.4
≥ 18000	43.9	55.0	55.5	55.5	55.5	55.5	55.6	55.7	55.7	55.7	55.7
≥ 16000	44.4	55.5	55.9	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1
≥ 14000	45.3	56.7	57.1	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3
≥ 12000	46.4	58.0	58.4	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6
≥ 10000	48.4	60.9	61.4	61.4	61.4	61.4	61.5	61.6	61.6	61.6	61.6
≥ 9000	48.9	61.4	62.0	62.0	62.0	62.0	62.1	62.2	62.2	62.2	62.2
≥ 8000	50.1	63.8	64.4	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7
≥ 7000	50.8	65.2	65.7	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1
≥ 6000	51.2	65.8	66.3	66.5	66.7	66.7	66.8	66.8	66.8	66.8	66.8
≥ 5000	51.5	66.7	67.3	67.6	67.8	67.8	67.9	67.9	67.9	67.9	67.9
≥ 4500	51.7	67.2	67.8	68.1	68.2	68.2	68.3	68.4	68.4	68.4	68.4
≥ 4000	52.8	68.8	69.4	69.7	70.0	70.0	70.0	70.1	70.1	70.1	70.1
≥ 3500	53.7	70.1	70.8	71.1	71.3	71.3	71.4	71.5	71.5	71.5	71.5
≥ 3000	55.9	73.5	74.2	74.5	74.7	74.7	74.8	74.8	74.8	74.8	74.8
≥ 2500	57.9	76.8	77.6	78.0	78.2	78.2	78.3	78.3	78.3	78.3	78.3
≥ 2000	60.1	80.7	81.7	82.2	82.5	82.5	82.6	82.6	82.6	82.6	82.6
≥ 1800	60.3	81.4	82.4	83.0	83.3	83.3	83.4	83.5	83.5	83.5	83.5
≥ 1500	61.1	83.7	85.2	85.8	86.1	86.1	86.2	86.4	86.4	86.4	86.4
≥ 1200	62.3	86.0	87.8	88.6	89.0	89.1	89.2	89.4	89.4	89.4	89.4
≥ 1000	62.5	87.3	89.2	89.9	90.5	90.6	90.9	91.1	91.1	91.1	91.1
≥ 900	62.6	87.9	89.9	90.6	91.2	91.4	91.6	91.8	91.8	91.9	91.9
≥ 800	62.6	88.5	90.6	91.4	92.0	92.1	92.5	92.7	92.7	92.8	92.8
≥ 700	62.7	89.3	91.7	92.7	93.5	93.7	94.2	94.4	94.6	94.6	94.6
≥ 600	62.8	89.8	92.5	93.6	94.7	94.9	95.5	95.8	96.0	96.0	96.0
≥ 500	62.8	90.1	92.9	94.2	95.7	96.0	96.7	97.0	97.3	97.4	97.6
≥ 400	62.8	90.4	93.4	94.8	96.4	96.9	97.7	98.1	98.1	98.4	98.5
≥ 300	62.8	90.4	93.5	95.0	96.7	97.3	98.2	98.8	98.8	99.2	99.5
≥ 200	62.8	90.4	93.5	95.0	96.8	97.3	98.3	99.0	99.1	99.5	99.8
≥ 100	62.8	90.4	93.5	95.0	96.6	97.3	98.3	99.0	99.1	99.5	99.8
≥ 0	62.8	90.4	93.5	95.0	96.8	97.3	98.3	99.0	99.1	99.5	99.8

TOTAL NUMBER OF OBSERVATIONS

2337

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MUODY AFB GEORGIA/VALDDSTA

43-46,52-76

YEARS

FEB MONTH

1500-1700
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16
NO CEILING	41.3	48.6	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 20000	49.2	57.5	58.0	58.2	58.2	58.2	58.2	58.4	58.4	58.4	58.4	58.4
≥ 18000	49.5	57.9	58.4	58.6	58.6	58.6	58.6	58.8	58.8	58.8	58.8	58.8
≥ 16000	49.8	58.3	58.7	58.9	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1
≥ 14000	51.1	59.9	60.3	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8
≥ 12000	52.9	62.1	62.5	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0
≥ 10000	55.0	65.2	65.7	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1
≥ 9000	55.1	65.5	66.0	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4
≥ 8000	56.0	67.5	68.1	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5
≥ 7000	56.7	68.6	69.2	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6
≥ 6000	57.5	69.7	70.3	70.5	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7
≥ 5000	58.3	70.9	71.5	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9
≥ 4500	59.0	71.9	72.5	72.8	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1
≥ 4000	60.3	73.9	74.6	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2
≥ 3500	61.5	76.0	76.6	77.0	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3
≥ 3000	64.3	79.7	80.5	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2
≥ 2500	66.0	83.6	84.4	84.7	84.9	84.9	84.9	85.0	85.0	85.1	85.1	85.1
≥ 2000	67.1	86.3	87.4	87.9	88.1	88.1	88.1	88.2	88.2	88.4	88.4	88.4
≥ 1800	67.4	87.1	88.3	88.8	89.0	89.0	89.0	89.1	89.1	89.3	89.3	89.3
≥ 1500	67.5	88.1	89.3	89.9	90.2	90.2	90.2	90.4	90.4	90.5	90.5	90.5
≥ 1200	67.8	89.2	90.4	91.1	91.5	91.5	91.6	91.7	91.8	92.0	92.0	92.0
≥ 1000	68.1	90.3	91.6	92.3	92.9	92.9	93.1	93.2	93.3	93.4	93.6	93.6
≥ 900	68.3	90.7	92.1	92.9	93.5	93.6	93.7	93.9	94.0	94.1	94.3	94.3
≥ 800	68.4	91.1	92.6	93.4	94.2	94.2	94.4	94.6	94.7	94.8	94.9	95.0
≥ 700	68.5	92.0	93.5	94.5	95.3	95.4	95.6	95.8	95.9	96.0	96.2	96.2
≥ 600	68.6	92.2	93.8	94.8	95.9	95.9	96.1	96.4	96.5	96.7	96.8	96.8
≥ 500	68.7	92.4	94.2	95.3	96.4	96.5	96.7	97.0	97.1	97.5	97.7	97.7
≥ 400	68.7	92.6	94.5	95.7	97.0	97.1	97.4	97.9	98.1	98.5	98.7	98.7
≥ 300	68.7	92.6	94.5	95.8	97.1	97.2	97.6	98.1	98.4	99.2	99.5	99.6
≥ 200	68.7	92.6	94.5	95.8	97.1	97.2	97.7	98.2	98.4	99.4	99.6	99.9
≥ 100	68.7	92.6	94.5	95.8	97.1	97.2	97.7	98.2	98.4	99.5	99.7	100.0
≥ 0	68.7	92.6	94.5	95.8	97.1	97.2	97.7	98.2	98.4	99.5	99.7	100.0

2301

TOTAL NUMBER OF OBSERVATIONS

FORM
JUL 64

USAF ETAC 0-14-5(OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MUDDY AFB GEORGIA/VALDCSTA

43-46,52-76

STATION NAME

YEARS

FEB

MONTH

1800-2000

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	40.2	56.5	57.9	58.8	59.3	59.3	59.4	59.5	59.5	59.5	59.5
≥ 20000	45.4	62.9	64.4	65.4	66.1	66.1	66.3	66.4	66.4	66.4	66.4
≥ 18000	45.6	63.2	64.7	65.7	66.4	66.4	66.6	66.7	66.7	66.7	66.7
≥ 16000	45.9	63.6	65.1	66.1	66.8	66.8	67.0	67.1	67.1	67.1	67.1
≥ 14000	46.7	65.0	66.4	67.4	68.2	68.2	68.4	68.5	68.5	68.5	68.5
≥ 12000	47.7	66.6	68.1	69.2	69.9	69.9	70.1	70.2	70.2	70.2	70.2
≥ 10000	49.3	68.6	70.2	71.2	72.0	72.0	72.3	72.4	72.4	72.4	72.4
≥ 9000	49.6	69.0	70.6	71.6	72.4	72.4	72.7	72.8	72.8	72.8	72.8
≥ 8000	50.3	71.0	72.6	73.6	74.4	74.4	74.7	74.8	74.8	74.8	74.8
≥ 7000	51.2	72.4	74.0	75.0	75.8	75.9	76.2	76.3	76.3	76.3	76.3
≥ 6000	52.1	73.4	75.0	76.1	76.9	77.0	77.2	77.4	77.4	77.4	77.4
≥ 5000	52.7	74.6	76.3	77.4	78.3	78.4	78.7	78.8	78.8	78.8	78.8
≥ 4500	52.9	75.6	77.3	78.4	79.3	79.4	79.7	79.8	79.8	79.8	79.8
≥ 4000	53.6	76.6	78.3	79.4	80.4	80.5	80.8	80.9	80.9	80.9	80.9
≥ 3500	54.1	77.5	79.2	80.4	81.4	81.5	81.7	81.9	81.9	81.9	81.9
≥ 3000	55.0	79.3	81.3	82.5	83.6	83.7	83.9	84.1	84.2	84.2	84.2
≥ 2500	55.8	81.4	83.6	84.9	86.1	86.2	86.4	86.6	86.6	86.6	86.6
≥ 2000	56.4	83.4	86.0	87.4	88.8	88.9	89.2	89.4	89.5	89.5	89.5
≥ 1800	56.6	84.7	87.3	88.8	90.1	90.2	90.5	90.7	90.8	90.8	90.8
≥ 1500	56.9	85.6	88.4	89.8	91.2	91.3	91.6	91.8	91.9	91.9	91.9
≥ 1200	57.1	86.6	89.6	91.1	92.6	92.7	93.0	93.2	93.3	93.3	93.3
≥ 1000	57.2	87.1	90.2	91.7	93.3	93.4	93.7	94.0	94.1	94.1	94.1
≥ 900	57.2	87.3	90.4	91.9	93.6	93.7	94.0	94.3	94.4	94.5	94.5
≥ 800	57.3	87.8	90.9	92.6	94.4	94.5	94.8	95.1	95.2	95.3	95.3
≥ 700	57.3	88.1	91.3	93.0	94.9	95.0	95.3	95.6	95.8	95.8	95.8
≥ 600	57.3	88.3	91.7	93.5	95.4	95.5	96.0	96.4	96.6	96.7	96.7
≥ 500	57.3	88.5	92.2	94.1	96.3	96.4	97.1	97.5	97.8	97.9	97.9
≥ 400	57.3	88.6	92.3	94.3	96.6	96.8	97.6	98.3	98.6	98.8	98.9
≥ 300	57.3	88.7	92.5	94.5	96.8	97.0	97.9	98.6	99.1	99.3	99.4
≥ 200	57.3	88.7	92.5	94.5	96.8	97.0	98.0	98.7	99.3	99.5	99.6
≥ 100	57.3	88.7	92.5	94.5	96.8	97.0	98.0	98.7	99.3	99.5	99.7
≥ 0	57.3	88.7	92.5	94.5	96.8	97.0	98.0	98.7	99.3	99.5	99.7

TOTAL NUMBER OF OBSERVATIONS

1975

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MUDDY AFB GEORGIA/VALDOSTA
STATION NAME

43-46,52-76
YEARS

FEB
MONTH

2100-2300
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING	31.7	58.9	62.1	64.0	65.0	65.1	65.3	65.4	65.7	65.7	65.7	65.8	65.9
≥ 20000	33.2	62.1	65.4	67.4	68.7	68.8	68.9	69.0	69.1	69.4	69.4	69.4	69.6
≥ 18000	33.3	62.2	65.5	67.6	68.8	68.9	69.1	69.1	69.2	69.6	69.6	69.6	69.7
≥ 16000	33.6	62.5	65.9	67.9	69.1	69.3	69.4	69.5	69.6	69.9	69.9	70.0	70.0
≥ 14000	33.7	63.1	66.4	68.5	69.7	69.8	70.0	70.0	70.1	70.4	70.4	70.5	70.6
≥ 12000	34.3	64.5	68.0	70.0	71.3	71.4	71.5	71.6	71.7	72.1	72.1	72.2	72.2
≥ 10000	34.8	66.0	69.7	71.7	73.0	73.1	73.2	73.3	73.4	73.8	73.8	73.9	73.9
≥ 9000	35.0	66.3	70.0	72.0	73.2	73.4	73.5	73.6	73.6	74.0	74.0	74.2	74.2
≥ 8000	35.6	67.4	71.3	73.4	74.7	74.8	75.0	75.1	75.2	75.6	75.6	75.7	75.7
≥ 7000	35.9	68.9	72.9	75.0	76.2	76.4	76.5	76.7	76.8	77.2	77.2	77.3	77.3
≥ 6000	36.2	69.4	73.4	75.6	76.8	77.0	77.2	77.3	77.4	77.8	77.8	77.9	77.9
≥ 5000	36.5	70.6	74.8	77.1	78.5	78.6	78.8	79.0	79.0	79.5	79.5	79.6	79.6
≥ 4500	36.9	71.2	75.5	77.8	79.4	79.5	79.8	79.9	80.0	80.4	80.4	80.5	80.6
≥ 4000	37.2	72.1	76.4	78.8	80.4	80.6	80.9	81.0	81.1	81.6	81.6	81.7	81.7
≥ 3500	37.5	73.2	77.5	80.1	81.8	81.9	82.2	82.4	82.5	83.0	83.0	83.1	83.2
≥ 3000	37.7	73.8	78.2	80.8	82.6	82.7	83.0	83.2	83.2	83.8	83.8	83.9	83.9
≥ 2500	37.9	75.1	79.8	82.4	84.3	84.4	84.7	84.9	84.9	85.5	85.5	85.6	85.6
≥ 2000	38.4	77.0	82.1	84.7	86.6	86.7	87.0	87.2	87.3	87.8	87.8	87.9	87.9
≥ 1800	38.5	77.4	82.5	85.3	87.1	87.3	87.5	87.7	87.8	88.4	88.4	88.5	88.5
≥ 1500	38.9	78.7	83.9	86.8	88.9	89.0	89.3	89.5	89.6	90.2	90.2	90.3	90.3
≥ 1200	39.4	79.8	85.1	87.9	90.3	90.4	90.7	90.9	90.9	91.6	91.6	91.7	91.7
≥ 1000	39.4	80.2	85.6	88.5	90.9	91.1	91.5	91.8	91.8	92.5	92.5	92.6	92.6
≥ 900	39.4	80.9	86.4	89.2	91.7	91.9	92.2	92.5	92.6	93.3	93.3	93.4	93.4
≥ 800	39.4	81.3	86.9	89.8	92.4	92.6	93.0	93.3	93.3	94.1	94.1	94.2	94.3
≥ 700	39.5	81.6	87.5	90.5	93.3	93.5	93.9	94.1	94.2	95.0	95.0	95.1	95.2
≥ 600	39.7	82.2	88.1	91.0	93.8	94.0	94.4	94.7	94.8	95.5	95.5	95.6	95.7
≥ 500	39.8	82.5	88.7	91.7	94.6	94.8	95.2	95.4	95.5	96.3	96.3	96.5	96.5
≥ 400	39.8	82.8	89.2	92.5	95.4	95.6	96.3	96.6	96.7	97.5	97.8	98.0	98.0
≥ 300	39.9	83.0	89.3	92.6	95.6	95.8	96.5	97.0	97.1	98.0	98.4	98.6	98.6
≥ 200	39.9	83.0	89.3	92.6	95.8	96.0	96.9	97.4	97.5	98.4	99.0	99.3	99.5
≥ 100	39.9	83.0	89.3	92.6	95.8	96.0	96.9	97.4	97.5	98.4	99.0	99.5	99.9
≥ 0	39.9	83.0	89.3	92.6	95.8	96.0	96.9	97.4	97.5	98.4	99.0	99.5	99.8

1468

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

43-45, 52-60, 74-75

YEARS

MAR

MONTH

0000-0200
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.9	51.3	55.4	57.1	57.4	57.4	57.6	57.7	57.8	58.0	58.4	58.7	58.7	58.7
≥ 20000	27.1	54.5	58.7	60.5	60.9	60.9	61.1	61.2	61.2	61.5	61.9	62.2	62.2	62.2
≥ 18000	27.1	54.8	58.9	60.7	61.2	61.2	61.3	61.4	61.5	61.7	62.2	62.4	62.4	62.4
≥ 16000	27.2	55.0	59.1	60.9	61.3	61.3	61.5	61.6	61.7	61.9	62.3	62.6	62.6	62.6
≥ 14000	28.1	56.1	60.3	62.1	62.5	62.5	62.7	62.8	62.8	63.1	63.5	63.8	63.8	63.8
≥ 12000	28.8	57.9	62.1	64.0	64.4	64.4	64.5	64.6	64.7	65.0	65.4	65.6	65.6	65.6
≥ 10000	29.9	59.6	63.9	65.7	66.2	66.2	66.3	66.4	66.5	66.8	67.2	67.4	67.4	67.4
≥ 9000	30.2	60.1	64.4	66.2	66.7	66.7	66.8	66.9	67.0	67.3	67.7	67.9	67.9	67.9
≥ 8000	30.6	61.6	66.0	67.9	68.3	68.3	68.4	68.5	68.6	68.9	69.3	69.6	69.6	69.6
≥ 7000	31.6	62.8	67.4	69.5	69.9	69.9	70.1	70.1	70.2	70.5	70.9	71.2	71.2	71.2
≥ 6000	31.9	63.9	68.4	70.6	71.1	71.1	71.2	71.3	71.4	71.7	72.1	72.3	72.3	72.3
≥ 5000	32.1	65.2	69.8	71.9	72.4	72.4	72.6	72.7	72.8	73.0	73.5	73.7	73.7	73.7
≥ 4500	32.2	65.5	70.1	72.3	72.8	72.8	72.9	73.0	73.1	73.4	73.8	74.0	74.0	74.0
≥ 4000	33.0	66.6	71.4	73.7	74.4	74.4	74.6	74.6	74.7	75.0	75.4	75.7	75.7	75.7
≥ 3500	33.2	67.3	72.2	74.5	75.5	75.5	75.7	75.7	75.8	76.1	76.5	76.8	76.8	76.8
≥ 3000	33.7	68.6	73.5	75.9	77.1	77.1	77.3	77.3	77.4	77.7	78.1	78.4	78.4	78.4
≥ 2500	34.0	69.5	74.5	77.2	78.5	78.5	78.7	78.8	78.9	79.1	79.6	79.8	79.8	79.8
≥ 2000	34.5	70.6	75.7	78.5	79.8	79.8	80.2	80.2	80.3	80.6	81.0	81.3	81.3	81.3
≥ 1800	34.5	70.7	75.9	78.8	80.2	80.2	80.6	80.7	80.7	81.0	81.4	81.7	81.7	81.7
≥ 1500	34.9	71.8	77.1	80.0	81.3	81.3	81.8	81.9	82.0	82.3	82.7	83.0	83.0	83.0
≥ 1200	35.1	73.1	78.6	81.8	83.1	83.1	83.7	83.8	84.0	84.2	84.6	84.9	84.9	84.9
≥ 1000	35.1	74.4	80.2	83.6	85.1	85.1	85.8	85.8	86.0	86.3	86.7	86.9	86.9	86.9
≥ 900	35.1	75.3	81.3	84.8	86.3	86.3	87.4	87.4	87.6	87.9	88.3	88.5	88.5	88.5
≥ 800	35.1	76.0	82.2	85.8	87.4	87.4	88.5	88.5	88.7	89.0	89.4	89.7	89.7	89.7
≥ 700	35.1	76.7	83.0	86.5	88.2	88.2	89.5	89.5	89.7	90.1	90.5	90.8	90.8	90.8
≥ 600	35.1	77.4	83.9	87.5	89.5	89.5	90.8	91.0	91.2	91.4	91.9	92.1	92.1	92.1
≥ 500	35.1	77.9	84.6	88.3	90.3	90.3	91.8	91.9	92.1	92.4	92.8	93.0	93.0	93.0
≥ 400	35.1	78.7	86.0	89.8	92.2	92.2	94.0	94.1	94.3	94.6	95.1	95.3	95.3	95.3
≥ 300	35.1	79.0	86.4	90.4	93.0	93.0	94.9	95.3	95.4	95.7	96.3	96.5	96.5	96.5
≥ 200	35.1	79.0	86.5	90.5	93.2	93.2	95.1	95.5	95.7	95.9	96.6	97.2	97.2	97.2
≥ 100	35.1	79.0	86.6	90.6	93.3	93.3	95.2	95.7	95.8	96.5	97.4	98.1	98.1	98.1
≥ 0	35.1	79.0	86.6	90.6	93.3	93.3	95.2	95.7	95.8	96.5	97.4	98.1	98.1	98.1

1179

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

FORM 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

43-45,52-75
YEARS

MAR
MONTH

0300-0500
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	25.2	47.4	51.2	53.2	54.5	54.6	55.1	55.4	55.4	55.6	55.8	55.9	56.0	56.1
≥ 20000	26.4	49.9	54.0	56.0	57.3	57.4	57.9	58.2	58.2	58.4	58.6	58.7	58.8	59.0
≥ 18000	26.4	50.1	54.1	56.1	57.4	57.5	58.0	58.3	58.3	58.5	58.7	58.8	59.0	59.1
≥ 16000	26.4	50.2	54.3	56.3	57.6	57.7	58.2	58.5	58.5	58.7	58.9	59.0	59.1	59.3
≥ 14000	26.6	51.0	55.1	57.1	58.4	58.5	59.0	59.3	59.3	59.5	59.7	59.8	60.0	60.1
≥ 12000	26.9	51.9	56.1	58.1	59.4	59.5	60.0	60.3	60.3	60.5	60.7	60.8	60.9	61.1
≥ 10000	27.8	53.8	58.0	60.2	61.6	61.7	62.2	62.5	62.5	62.7	62.9	63.0	63.1	63.3
≥ 9000	28.0	54.4	58.6	60.8	62.2	62.3	62.8	63.1	63.1	63.3	63.5	63.6	63.7	63.9
≥ 8000	28.2	55.5	60.0	62.2	63.7	63.8	64.3	64.6	64.6	64.8	65.0	65.1	65.2	65.4
≥ 7000	29.0	56.7	61.3	63.6	65.1	65.2	65.7	66.0	66.0	66.2	66.4	66.5	66.6	66.9
≥ 6000	29.2	57.6	62.4	64.6	66.2	66.4	66.9	67.2	67.2	67.4	67.6	67.7	67.8	68.0
≥ 5000	29.5	58.8	63.6	65.9	67.5	67.6	68.2	68.5	68.5	68.8	69.0	69.1	69.2	69.4
≥ 4500	29.7	59.3	64.1	66.3	67.9	68.0	68.7	69.0	69.0	69.2	69.4	69.5	69.6	69.8
≥ 4000	30.2	60.2	65.1	67.4	69.2	69.3	70.0	70.3	70.3	70.5	70.7	70.8	70.9	71.1
≥ 3500	30.3	60.6	65.5	67.8	69.7	69.8	70.5	70.8	70.8	71.0	71.2	71.3	71.4	71.6
≥ 3000	30.8	61.6	66.7	69.0	70.8	71.0	71.6	71.9	71.9	72.2	72.4	72.5	72.6	72.8
≥ 2500	31.0	62.4	67.5	69.9	71.8	72.0	72.6	72.9	72.9	73.3	73.4	73.6	73.7	73.9
≥ 2000	31.3	63.5	68.8	71.5	73.4	73.6	74.3	74.6	74.6	74.9	75.1	75.2	75.3	75.5
≥ 1800	31.4	63.9	69.2	72.0	73.9	74.1	74.8	75.1	75.1	75.4	75.6	75.7	75.8	76.0
≥ 1500	31.8	65.0	70.4	73.3	75.2	75.4	76.1	76.4	76.4	76.7	76.9	77.0	77.1	77.3
≥ 1200	32.0	67.1	72.6	75.5	77.5	77.7	78.4	78.7	78.7	79.1	79.3	79.4	79.5	79.7
≥ 1000	32.3	67.8	73.6	76.7	78.8	79.0	79.8	80.2	80.2	80.6	80.8	80.9	81.0	81.3
≥ 900	32.3	68.2	74.1	77.5	79.7	79.9	80.7	81.0	81.0	81.5	81.7	81.8	81.9	82.2
≥ 800	32.5	69.2	75.4	78.9	81.1	81.3	82.3	82.6	82.6	83.1	83.3	83.4	83.5	83.8
≥ 700	32.5	70.0	76.4	80.0	82.3	82.5	83.6	84.0	84.0	84.4	84.6	84.8	84.9	85.1
≥ 600	32.6	70.7	77.3	81.0	83.4	83.6	84.8	85.3	85.3	85.8	86.1	86.2	86.3	86.6
≥ 500	32.6	71.8	78.9	82.8	85.3	85.4	86.9	87.4	87.4	87.9	88.2	88.4	88.5	88.7
≥ 400	32.7	72.3	79.9	84.0	86.8	86.9	88.7	89.3	89.3	89.9	90.2	90.3	90.4	90.7
≥ 300	32.8	72.4	80.2	84.7	87.9	88.1	90.0	90.9	90.9	91.4	91.8	92.0	92.3	92.7
≥ 200	32.8	72.5	80.3	85.0	88.4	88.6	91.1	92.1	92.1	93.2	93.8	94.0	94.6	95.2
≥ 100	32.8	72.5	80.3	85.0	88.4	88.6	91.2	92.2	92.3	93.9	94.7	94.9	95.9	96.8
≥ 0	32.8	72.5	80.3	85.0	88.5	88.7	91.2	92.3	92.4	94.0	94.8	95.0	96.1	96.9

TOTAL NUMBER OF OBSERVATIONS 1608

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

STATION
MUDDY AFB GEORGIA/VALDOOSTA

YEARS
43-45, 52-75

MONTH
MAR

0600-0800
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	21.5	39.9	43.2	45.2	46.7	46.8	47.1	47.2	47.3	47.5	47.6	47.7	47.7
≥ 20000	23.8	44.0	47.5	49.8	51.4	51.5	51.8	52.1	52.2	52.4	52.5	52.7	52.7
≥ 18000	23.9	44.2	47.7	50.0	51.6	51.7	52.0	52.3	52.3	52.6	52.7	52.9	52.9
≥ 16000	24.0	44.3	47.8	50.1	51.7	51.8	52.1	52.4	52.5	52.8	52.8	53.0	53.0
≥ 14000	24.4	45.0	48.5	50.8	52.4	52.5	52.8	53.1	53.2	53.5	53.5	53.7	53.7
≥ 12000	25.4	46.8	50.4	52.7	54.4	54.5	54.8	55.1	55.2	55.4	55.5	55.7	55.7
≥ 10000	25.8	48.2	52.0	54.6	56.4	56.4	56.8	57.1	57.1	57.5	57.5	57.7	57.7
≥ 9000	26.2	48.8	52.6	55.2	57.0	57.1	57.5	57.8	57.8	58.1	58.2	58.4	58.4
≥ 8000	26.7	50.4	54.2	56.8	58.9	58.9	59.3	59.6	59.7	60.0	60.1	60.3	60.3
≥ 7000	27.4	51.8	55.8	58.5	60.7	60.8	61.2	61.5	61.6	61.9	62.0	62.2	62.2
≥ 6000	27.9	52.9	57.2	60.0	62.3	62.4	62.8	63.1	63.1	63.4	63.6	63.7	63.8
≥ 5000	28.3	54.0	58.3	61.2	63.5	63.6	64.0	64.4	64.4	64.7	64.8	64.9	65.0
≥ 4500	28.5	54.3	58.7	61.6	63.9	64.0	64.3	64.7	64.7	65.1	65.1	65.3	65.4
≥ 4000	28.8	54.9	59.4	62.4	64.9	65.0	65.4	65.8	65.8	66.2	66.2	66.4	66.5
≥ 3500	29.1	55.4	60.0	63.0	65.6	65.7	66.1	66.4	66.5	66.8	66.9	67.1	67.1
≥ 3000	29.6	56.4	61.1	64.2	66.8	66.9	67.3	67.6	67.7	68.0	68.1	68.3	68.3
≥ 2500	29.9	57.2	61.9	65.1	67.7	67.8	68.2	68.6	68.6	68.9	69.0	69.2	69.2
≥ 2000	30.6	59.0	63.8	67.1	69.8	69.8	70.3	70.7	70.8	71.1	71.1	71.4	71.4
≥ 1800	30.9	59.5	64.4	67.7	70.3	70.4	70.9	71.3	71.4	71.7	71.8	72.0	72.0
≥ 1500	31.2	60.6	65.6	68.9	71.8	71.9	72.4	72.8	72.8	73.2	73.3	73.4	73.5
≥ 1200	31.6	61.9	67.1	70.6	73.4	73.5	74.1	74.5	74.6	74.9	75.0	75.2	75.3
≥ 1000	31.8	63.3	69.0	72.6	75.5	75.6	76.2	76.6	76.6	77.0	77.1	77.3	77.3
≥ 900	32.0	64.2	69.9	73.7	76.7	76.7	77.4	77.9	77.9	78.3	78.4	78.6	78.6
≥ 800	32.4	65.3	71.3	75.2	78.4	78.5	79.2	79.7	79.7	80.1	80.2	80.4	80.4
≥ 700	32.4	66.3	72.7	76.7	80.2	80.3	81.0	81.5	81.6	82.0	82.1	82.3	82.4
≥ 600	32.5	67.4	74.2	78.2	81.8	82.0	82.8	83.4	83.5	84.0	84.1	84.3	84.3
≥ 500	32.6	68.1	75.1	79.6	83.7	84.0	85.1	85.8	85.9	86.4	86.5	86.7	86.8
≥ 400	32.6	68.7	75.9	80.6	85.0	85.4	86.7	87.8	87.9	88.6	88.7	89.0	89.1
≥ 300	32.7	69.0	76.3	81.2	86.0	86.7	88.2	89.4	89.5	90.5	91.1	91.4	91.5
≥ 200	32.7	69.0	76.4	81.4	86.4	87.0	88.5	90.0	90.1	91.7	92.4	93.1	93.2
≥ 100	32.7	69.0	76.4	81.4	86.4	87.0	88.5	90.0	90.2	92.0	93.0	93.9	94.2
≥ 0	32.7	69.0	76.4	81.4	86.4	87.0	88.5	90.0	90.2	92.0	93.0	93.9	94.2

TOTAL NUMBER OF OBSERVATIONS

2172

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOSTA

43-45,52-75

STATION NAME

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	33.1	48.3	49.5	49.8	49.9	50.1	50.2	50.3	50.3	50.4	50.4
≥ 20000	36.8	54.4	55.7	56.1	56.3	56.4	56.5	56.6	56.6	56.7	56.7
≥ 18000	36.9	54.6	55.9	56.3	56.4	56.6	56.7	56.8	56.8	56.9	56.9
≥ 16000	37.3	55.0	56.3	56.7	56.8	57.0	57.0	57.2	57.2	57.3	57.3
≥ 14000	37.9	55.9	57.3	57.7	57.8	58.0	58.0	58.2	58.2	58.3	58.3
≥ 12000	38.8	57.2	58.6	59.0	59.1	59.3	59.3	59.5	59.5	59.6	59.6
≥ 10000	39.8	59.2	60.6	61.0	61.2	61.3	61.4	61.5	61.5	61.6	61.6
≥ 9000	39.8	59.7	61.1	61.5	61.7	61.9	62.0	62.1	62.1	62.2	62.2
≥ 8000	40.7	61.7	63.2	63.6	63.8	64.0	64.0	64.2	64.2	64.3	64.3
≥ 7000	41.3	62.8	64.3	64.9	65.1	65.3	65.3	65.5	65.5	65.6	65.6
≥ 6000	41.6	63.7	65.3	65.9	66.1	66.3	66.3	66.5	66.5	66.6	66.6
≥ 5000	42.0	64.4	66.2	66.7	67.0	67.2	67.3	67.4	67.4	67.5	67.5
≥ 4500	42.1	64.6	66.3	66.9	67.2	67.4	67.5	67.6	67.6	67.7	67.7
≥ 4000	42.5	65.5	67.3	68.0	68.3	68.5	68.6	68.7	68.7	68.8	68.8
≥ 3500	42.9	66.3	68.4	69.1	69.5	69.7	69.8	69.9	69.9	70.0	70.0
≥ 3000	43.3	67.3	69.5	70.2	70.6	70.8	70.8	71.1	71.1	71.1	71.1
≥ 2500	44.4	69.1	71.3	72.1	72.5	72.7	72.9	73.1	73.1	73.2	73.2
≥ 2000	45.9	71.7	74.1	75.0	75.5	75.7	76.0	76.2	76.2	76.3	76.3
≥ 1800	46.1	72.3	74.7	75.5	76.1	76.3	76.5	76.7	76.7	76.8	76.8
≥ 1500	47.4	75.0	77.4	78.4	78.9	79.2	79.4	79.7	79.7	79.7	79.7
≥ 1200	48.0	77.5	80.0	81.0	81.5	81.8	82.0	82.3	82.3	82.4	82.4
≥ 1000	48.4	79.3	82.1	83.3	83.9	84.2	84.5	84.8	84.8	84.9	84.9
≥ 900	48.5	80.2	83.2	84.5	85.2	85.5	85.8	86.1	86.1	86.2	86.2
≥ 800	48.9	81.3	84.8	86.2	87.0	87.2	87.8	88.1	88.1	88.2	88.2
≥ 700	49.3	82.5	86.2	87.9	88.9	89.2	89.8	90.2	90.2	90.3	90.4
≥ 600	49.5	83.5	87.5	89.5	90.9	91.4	92.0	92.4	92.4	92.5	92.6
≥ 500	49.5	84.2	88.4	90.6	92.5	93.0	93.8	94.3	94.3	94.6	94.7
≥ 400	49.5	84.4	89.1	91.5	93.7	94.3	95.2	96.1	96.2	96.7	96.7
≥ 300	49.5	84.5	89.2	91.7	94.1	94.9	95.9	97.0	97.0	97.7	98.0
≥ 200	49.5	84.5	89.2	91.7	94.1	94.9	95.9	97.0	97.1	98.0	98.5
≥ 100	49.5	84.5	89.2	91.7	94.1	94.9	95.9	97.0	97.1	98.0	98.5
≥ 0	49.5	84.5	89.2	91.7	94.1	94.9	95.9	97.0	97.1	98.0	98.5

TOTAL NUMBER OF OBSERVATIONS

2305

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MUDDY AFB GEORGIA/VALDOSTA

43-45, 52-75

STATION NAME

YEARS

MAR MONTH

1200-1400
HOUR (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.5	50.8	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	48.6	59.6	59.8	59.9	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 18000	48.8	59.8	60.0	60.1	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 16000	49.2	60.2	60.4	60.5	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 14000	49.8	60.9	61.1	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 12000	50.8	62.5	62.7	62.8	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 10000	52.6	65.0	65.2	65.4	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 9000	52.8	65.4	65.6	65.8	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 8000	53.8	67.4	67.6	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	54.2	68.3	68.6	68.9	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 6000	54.5	69.0	69.4	69.6	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 5000	55.2	70.1	70.5	70.7	70.8	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4500	55.6	70.8	71.2	71.6	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4000	57.4	73.2	73.8	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3500	58.5	75.0	75.6	75.9	76.0	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3000	60.7	78.2	79.0	79.4	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 2500	63.8	82.4	83.2	83.8	83.9	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2000	65.7	85.4	86.4	86.9	87.1	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1800	66.0	85.9	86.9	87.5	87.7	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	66.7	87.7	88.9	89.5	89.7	89.8	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200	67.4	89.4	90.7	91.4	91.7	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1000	67.7	90.4	91.8	92.6	92.9	93.0	93.2	93.3	93.3	93.4	93.4	93.5	93.5	93.5	93.5
≥ 900	67.8	90.9	92.3	93.1	93.5	93.6	93.8	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2
≥ 800	67.9	91.6	93.3	94.1	94.7	94.9	95.2	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 700	68.0	91.9	93.7	94.6	95.2	95.4	95.8	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2
≥ 600	68.0	92.3	94.3	95.3	96.1	96.3	96.9	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4
≥ 500	68.1	92.5	94.5	95.8	96.8	96.9	97.5	97.8	97.8	98.1	98.1	98.3	98.3	98.3	98.3
≥ 400	68.1	92.7	94.9	96.3	97.6	97.8	98.5	98.9	98.9	99.2	99.3	99.4	99.5	99.5	99.5
≥ 300	68.1	92.7	94.9	96.4	97.7	97.9	98.6	99.0	99.0	99.4	99.5	99.7	99.7	99.8	99.8
≥ 200	68.1	92.7	94.9	96.4	97.8	97.9	98.7	99.1	99.1	99.5	99.7	99.7	99.9	100.0	100.0
≥ 100	68.1	92.7	94.9	96.4	97.8	97.9	98.7	99.1	99.1	99.5	99.7	99.7	99.9	100.0	100.0
≥ 0	68.1	92.7	94.9	96.4	97.8	97.9	98.7	99.1	99.1	99.5	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2413

USAF ETAC

FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

43-45, 52-75

STATION NAME

YEARS

MAR
MONTH

1500-1700
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.6	51.4	51.8	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 20000	53.9	62.1	62.5	62.9	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 18000	54.2	62.4	62.9	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 16000	54.5	62.8	63.2	63.6	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 14000	55.1	63.3	63.8	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 12000	56.3	64.9	65.5	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 10000	58.5	68.0	68.5	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 9000	58.8	68.6	69.0	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 8000	60.1	71.0	71.6	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	61.5	73.1	73.7	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 6000	62.0	74.1	74.7	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 5000	62.8	75.4	76.1	76.7	76.7	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0
≥ 4500	63.6	76.5	77.3	77.9	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4000	65.4	79.1	79.9	80.5	80.6	80.7	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9
≥ 3500	67.0	81.1	81.9	82.6	82.7	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3000	68.9	84.4	85.4	86.1	86.3	86.4	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2500	70.1	86.5	87.5	88.2	88.5	88.6	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2000	71.4	88.9	90.0	90.7	91.1	91.2	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9
≥ 1800	71.7	89.4	90.5	91.3	91.6	91.8	92.1	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5
≥ 1500	72.0	90.4	91.5	92.3	92.7	92.9	93.2	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6
≥ 1200	72.1	91.1	92.3	93.1	93.6	93.8	94.1	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5
≥ 1000	72.2	91.5	92.8	93.6	94.2	94.4	94.7	95.0	95.0	95.1	95.1	95.2	95.2	95.2	95.2
≥ 900	72.3	91.7	93.1	94.0	94.6	94.8	95.2	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7
≥ 800	72.3	91.9	93.4	94.6	95.2	95.5	96.1	96.4	96.4	96.5	96.6	96.7	96.7	96.7	96.7
≥ 700	72.3	92.1	93.7	95.0	95.7	95.9	96.5	96.8	96.8	97.0	97.1	97.2	97.2	97.2	97.2
≥ 600	72.3	92.4	94.1	95.5	96.2	96.5	97.1	97.4	97.4	97.6	97.7	97.8	97.8	97.8	97.8
≥ 500	72.4	92.7	94.5	96.0	96.8	97.1	97.8	98.2	98.2	98.5	98.6	98.7	98.7	98.7	98.7
≥ 400	72.4	92.9	94.7	96.3	97.3	97.6	98.4	98.9	99.0	99.4	99.5	99.6	99.6	99.6	99.6
≥ 300	72.4	92.9	94.7	96.3	97.3	97.6	98.5	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8
≥ 200	72.4	92.9	94.7	96.3	97.3	97.6	98.5	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8
≥ 100	72.4	92.9	94.7	96.3	97.3	97.6	98.5	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8
≥ 0	72.4	92.9	94.7	96.3	97.3	97.6	98.5	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2368

USAF ETAC

FORM 64 0-14-5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION MOODY AFB GEORGIA/VALDOSTA 43-45, 52-75 YEARS MAR MONTH 1800-2000 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING ≥ 2000	44.5	57.3	58.2	58.4	58.6	58.6	58.6	58.6	58.6	58.7	58.7
≥ 1800	51.6	66.8	67.8	68.0	68.1	68.2	68.2	68.2	68.2	68.3	68.3
≥ 1600	52.1	67.3	68.3	68.5	68.6	68.7	68.7	68.7	68.7	68.8	68.8
≥ 1400	52.6	68.0	69.0	69.2	69.3	69.4	69.4	69.4	69.4	69.5	69.5
≥ 1200	53.3	68.9	69.9	70.1	70.3	70.3	70.3	70.3	70.3	70.4	70.4
≥ 1000	54.3	70.2	71.2	71.5	71.6	71.7	71.7	71.7	71.7	71.8	71.8
≥ 900	55.7	72.9	73.8	74.1	74.3	74.3	74.3	74.3	74.3	74.4	74.4
≥ 800	56.3	73.6	74.5	74.8	75.0	75.0	75.0	75.0	75.0	75.1	75.1
≥ 700	57.5	75.5	76.5	76.8	76.9	77.0	77.0	77.0	77.0	77.1	77.1
≥ 600	58.2	76.8	77.8	78.2	78.3	78.4	78.4	78.4	78.4	78.5	78.5
≥ 500	58.8	78.1	79.2	79.7	79.9	79.9	80.0	80.0	80.0	80.1	80.1
≥ 450	59.8	79.9	81.0	81.6	81.7	81.7	81.8	81.8	81.8	81.9	81.9
≥ 400	60.5	81.0	82.1	82.7	82.9	83.0	83.0	83.0	83.0	83.1	83.1
≥ 350	61.3	82.5	83.7	84.2	84.5	84.6	84.7	84.7	84.7	84.8	84.8
≥ 300	61.9	83.9	85.1	85.7	86.0	86.2	86.3	86.3	86.3	86.4	86.4
≥ 250	63.2	86.2	87.4	88.0	88.5	88.6	88.7	88.7	88.7	88.8	88.8
≥ 200	63.7	87.5	88.8	89.5	89.9	90.0	90.2	90.3	90.3	90.4	90.4
≥ 1800	64.6	89.2	90.8	91.5	92.0	92.1	92.4	92.4	92.4	92.6	92.6
≥ 1500	64.7	89.3	90.9	91.7	92.2	92.4	92.7	92.7	92.7	92.9	92.9
≥ 1200	64.9	90.1	91.8	92.6	93.3	93.4	93.7	93.8	93.8	93.9	93.9
≥ 1000	64.9	90.7	92.4	93.3	94.0	94.1	94.4	94.5	94.5	94.6	94.6
≥ 900	65.0	91.3	93.0	94.0	94.6	94.7	95.0	95.1	95.1	95.3	95.3
≥ 800	65.0	91.6	93.5	94.5	95.1	95.2	95.5	95.6	95.6	95.8	95.8
≥ 700	65.0	92.1	94.0	95.0	95.7	95.9	96.2	96.3	96.3	96.5	96.5
≥ 600	65.0	92.3	94.2	95.2	95.9	96.1	96.4	96.5	96.5	96.7	96.7
≥ 500	65.1	92.6	94.7	95.9	96.6	96.8	97.2	97.3	97.3	97.5	97.5
≥ 400	65.2	92.8	94.9	96.1	96.9	97.1	97.6	97.9	97.9	98.3	98.3
≥ 300	65.2	92.8	94.9	96.2	97.1	97.2	97.9	98.3	98.3	98.7	98.7
≥ 200	65.2	92.9	95.0	96.4	97.3	97.5	98.1	98.5	98.5	99.0	99.0
≥ 100	65.2	92.9	95.0	96.4	97.3	97.5	98.3	98.7	98.7	99.2	99.2
≥ 0	65.2	92.9	95.0	96.4	97.3	97.5	98.3	98.7	98.7	99.2	99.2

2038

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13857 MOODY AFB GEORGIA/VALDOSTA 43-45, 52-75 YEARS MONTH MAR 2100-2300 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	39.5	62.8	64.2	65.6	66.0	66.0	66.1	66.1	66.1	66.1	66.4	66.5
≥ 20000	41.7	66.4	67.9	69.3	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 18000	42.0	67.0	68.5	69.9	70.3	70.4	70.4	70.4	70.4	70.4	70.7	70.8
≥ 16000	42.5	67.7	69.1	70.6	70.9	71.0	71.0	71.0	71.0	71.0	71.3	71.4
≥ 14000	43.8	69.2	70.8	72.2	72.5	72.6	72.6	72.6	72.6	72.6	72.9	73.0
≥ 12000	44.7	70.7	72.3	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.6	74.7
≥ 10000	45.9	73.0	74.7	76.2	76.5	76.5	76.7	76.7	76.7	76.7	77.0	77.1
≥ 9000	46.2	73.8	75.4	77.0	77.4	77.4	77.5	77.5	77.5	77.5	77.8	77.9
≥ 8000	46.8	75.0	76.6	78.2	78.6	78.6	78.7	78.7	78.7	78.7	79.0	79.1
≥ 7000	47.4	76.2	77.8	79.5	79.9	80.0	80.1	80.1	80.1	80.1	80.3	80.5
≥ 6000	47.6	77.0	78.7	80.5	80.9	81.0	81.1	81.1	81.1	81.1	81.3	81.5
≥ 5000	48.0	78.1	79.9	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.6	82.7
≥ 4500	48.3	78.8	80.8	82.7	83.2	83.2	83.3	83.3	83.3	83.3	83.6	83.7
≥ 4000	48.9	80.5	82.5	84.6	85.0	85.1	85.2	85.2	85.2	85.2	85.5	85.6
≥ 3500	49.2	81.7	83.7	85.8	86.2	86.3	86.4	86.4	86.4	86.4	86.7	86.9
≥ 3000	49.5	82.6	84.7	87.0	87.5	87.5	87.7	87.7	87.7	87.7	88.1	88.3
≥ 2500	49.8	83.8	86.2	88.5	89.0	89.1	89.2	89.3	89.3	89.3	89.7	89.8
≥ 2000	50.5	85.1	87.5	89.9	90.4	90.5	90.6	90.7	90.7	90.7	91.1	91.2
≥ 1800	50.7	85.3	87.7	90.1	90.6	90.7	90.8	90.9	90.9	90.9	91.3	91.4
≥ 1500	51.5	86.8	89.2	91.6	92.2	92.3	92.4	92.5	92.5	92.5	92.9	93.0
≥ 1200	51.6	87.3	89.8	92.4	92.9	93.0	93.3	93.4	93.4	93.4	93.8	93.9
≥ 1000	51.8	88.1	90.8	93.3	93.9	93.9	94.3	94.3	94.3	94.3	94.7	94.9
≥ 900	51.8	88.3	91.1	93.7	94.2	94.3	94.6	94.7	94.7	94.7	95.1	95.3
≥ 800	51.8	88.5	91.5	94.2	94.7	94.8	95.1	95.2	95.2	95.2	95.6	95.8
≥ 700	51.8	88.8	91.8	94.5	95.0	95.1	95.5	95.6	95.6	95.6	96.0	96.2
≥ 600	51.9	89.2	92.3	95.1	95.8	95.8	96.2	96.3	96.3	96.3	96.8	97.0
≥ 500	51.9	89.3	92.5	95.4	96.2	96.4	96.9	97.0	97.0	97.0	97.5	97.7
≥ 400	51.9	89.4	92.5	95.5	96.3	96.4	97.2	97.5	97.5	97.5	98.2	98.4
≥ 300	51.9	89.4	92.7	95.6	96.4	96.6	97.4	97.8	97.8	98.0	98.5	98.7
≥ 200	51.9	89.5	92.8	95.8	96.7	97.0	97.8	98.2	98.2	98.6	99.2	99.5
≥ 100	51.9	89.5	92.8	95.8	96.7	97.0	97.8	98.2	98.2	98.7	99.5	99.9
≥ 0	51.9	89.5	92.8	95.8	96.7	97.0	97.8	98.2	98.2	98.7	99.5	99.9

TOTAL NUMBER OF OBSERVATIONS

1484

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-46, 52-61, 73, 75

STATION NAME

YEARS

APR

MONTH

0000-0200
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	42.5	67.2	69.2	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7
≥ 20000	45.6	71.9	74.0	74.8	75.3	75.3	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5
≥ 18000	45.8	72.0	74.1	74.9	75.4	75.4	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7
≥ 14000	45.8	72.0	74.1	74.9	75.4	75.4	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7
≥ 12000	46.3	73.4	75.6	76.5	77.0	77.0	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2
≥ 10000	47.2	74.9	77.1	78.0	78.6	78.6	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8
≥ 8000	47.9	76.3	78.6	79.4	80.0	80.0	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3
≥ 7000	48.3	77.1	79.4	80.3	80.8	80.8	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1
≥ 6000	48.8	78.3	80.5	81.5	82.1	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3
≥ 5000	49.0	78.8	81.1	82.1	82.8	82.8	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1
≥ 4500	49.1	80.0	82.3	83.3	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4000	49.3	80.6	82.9	84.1	84.8	84.8	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1
≥ 3500	49.6	80.9	83.2	84.4	85.1	85.1	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
≥ 3000	49.6	81.4	83.8	85.1	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 2500	49.7	81.7	84.0	85.3	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	49.9	82.4	84.8	86.0	86.8	86.8	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
≥ 1800	50.1	82.8	85.2	86.5	87.3	87.3	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
≥ 1500	50.2	83.2	85.7	87.0	87.8	87.8	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0
≥ 1200	50.4	83.6	86.2	87.5	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1000	50.7	84.5	87.3	88.5	89.3	89.3	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6
≥ 900	51.3	86.2	89.1	90.4	91.2	91.2	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 800	51.6	87.6	90.8	92.0	92.8	92.8	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
≥ 700	51.7	88.3	91.5	92.8	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 600	51.8	88.5	91.8	93.1	93.9	93.9	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 500	51.8	88.7	92.1	93.4	94.2	94.2	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 400	51.8	89.0	92.7	94.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 300	51.9	89.3	93.2	94.6	95.9	96.0	96.7	96.7	96.7	96.8	96.9	96.9	96.9	96.9
≥ 200	52.0	89.6	93.7	95.3	96.7	96.8	97.6	97.6	97.6	97.8	97.9	97.9	97.9	97.9
≥ 100	52.1	89.7	93.9	95.8	97.3	97.6	98.4	98.4	98.4	98.7	98.9	98.9	98.9	98.9
≥ 0	52.1	89.9	94.1	95.9	97.7	98.0	99.0	99.0	99.0	99.4	99.6	99.7	99.8	99.9
0	52.1	89.9	94.1	95.9	97.7	98.0	99.0	99.0	99.0	99.4	99.6	99.7	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS

1352

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-46,52-75

YEARS

APR
MONTH

0300-0500
HOURS(IST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	33.1	55.5	58.2	60.0	61.5	61.6	62.5	62.7	63.2	63.4	63.4	63.5
≥ 20000	35.6	60.5	63.6	65.5	67.1	67.2	68.2	68.4	69.0	69.1	69.1	69.2
≥ 18000	35.8	60.7	63.7	65.7	67.3	67.4	68.4	68.6	69.1	69.3	69.3	69.4
≥ 16000	35.8	60.8	63.9	65.8	67.4	67.5	68.5	68.7	69.2	69.4	69.4	69.5
≥ 14000	36.0	61.8	64.9	66.9	68.5	68.6	69.6	69.9	70.4	70.6	70.7	70.7
≥ 12000	36.8	63.2	66.3	68.3	69.9	70.0	71.0	71.3	71.8	72.0	72.1	72.1
≥ 10000	37.6	64.8	68.0	70.0	71.6	71.7	72.7	73.0	73.5	73.7	73.8	73.8
≥ 9000	37.9	65.5	68.7	70.7	72.3	72.4	73.4	73.7	74.2	74.4	74.4	74.5
≥ 8000	38.4	66.4	69.6	71.6	73.3	73.4	74.4	74.7	75.2	75.4	75.5	75.5
≥ 7000	38.6	67.2	70.4	72.4	74.2	74.3	75.4	75.6	76.2	76.4	76.4	76.5
≥ 6000	38.9	67.7	71.0	73.1	74.9	75.0	76.0	76.3	76.9	77.1	77.1	77.2
≥ 5000	39.2	68.4	71.8	73.9	75.8	75.9	76.9	77.1	77.7	77.9	77.9	78.0
≥ 4500	39.2	68.7	72.1	74.3	76.1	76.2	77.2	77.5	78.1	78.3	78.4	78.4
≥ 4000	39.2	69.0	72.6	74.8	76.6	76.7	77.7	78.0	78.6	78.8	78.9	78.9
≥ 3500	39.6	70.0	73.7	75.9	77.7	77.8	78.8	79.0	79.7	79.9	79.9	80.0
≥ 3000	39.8	70.7	74.4	76.7	78.5	78.6	79.7	79.9	80.6	80.7	80.8	80.8
≥ 2500	40.0	71.5	75.2	77.5	79.3	79.4	80.5	80.7	81.4	81.5	81.6	81.6
≥ 2000	40.2	72.2	76.1	78.5	80.3	80.4	81.4	81.6	82.3	82.5	82.5	82.6
≥ 1800	40.2	72.2	76.3	78.6	80.5	80.6	81.6	81.8	82.5	82.7	82.7	82.8
≥ 1500	40.7	73.5	77.8	80.3	82.2	82.3	83.3	83.7	84.2	84.4	84.5	84.5
≥ 1200	40.9	74.8	79.3	81.9	83.8	83.9	84.9	85.2	85.8	86.0	86.1	86.1
≥ 1000	41.1	75.7	80.5	83.1	85.0	85.2	86.2	86.4	86.5	87.1	87.3	87.3
≥ 900	41.1	76.3	81.2	83.9	85.8	85.9	87.0	87.2	87.3	87.9	88.0	88.1
≥ 800	41.2	77.0	82.1	84.8	86.9	87.0	88.0	88.3	88.4	89.0	89.1	89.2
≥ 700	41.3	77.5	82.7	85.4	87.6	87.8	88.8	89.0	89.1	89.9	89.9	90.0
≥ 600	41.4	78.4	83.7	86.6	88.8	89.0	90.0	90.3	90.9	91.1	91.2	91.2
≥ 500	41.4	78.6	84.1	87.2	89.9	90.1	91.2	91.5	92.2	92.4	92.4	92.5
≥ 400	41.4	79.1	84.6	87.9	90.8	91.0	92.4	92.7	92.8	93.4	93.5	93.7
≥ 300	41.4	79.3	85.0	88.3	91.7	92.1	93.7	94.3	94.4	95.0	95.2	95.4
≥ 200	41.4	79.4	85.3	88.8	92.3	92.7	94.6	95.4	95.5	96.2	96.6	96.7
≥ 100	41.4	79.4	85.4	88.9	92.4	92.7	94.7	95.5	95.6	96.5	97.1	97.5
≥ 0	41.4	79.4	85.4	88.9	92.4	92.7	94.7	95.5	95.6	96.5	97.1	97.6

TOTAL NUMBER OF OBSERVATIONS

1765

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-46, 52-75
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	26.4	46.0	49.8	51.8	53.4	53.5	54.3	54.5	54.6	55.0	55.2	55.6	55.6
≥ 20000	28.3	50.8	55.2	57.5	59.4	59.5	60.3	60.6	60.7	61.1	61.4	61.7	61.7
≥ 18000	28.3	50.8	55.2	57.5	59.4	59.6	60.5	60.7	60.8	61.3	61.6	61.9	61.9
≥ 16000	28.3	50.9	55.3	57.7	59.6	59.8	60.6	60.9	61.0	61.4	61.7	62.1	62.1
≥ 14000	28.5	51.6	56.2	58.5	60.4	60.6	61.5	61.7	61.8	62.3	62.6	62.9	62.9
≥ 12000	29.2	53.4	58.0	60.4	62.3	62.5	63.3	63.5	63.7	64.2	64.6	64.9	64.9
≥ 10000	29.9	55.2	60.0	62.5	64.5	64.7	65.6	65.8	65.9	66.4	66.8	67.2	67.2
≥ 9000	30.0	55.5	60.4	62.8	64.9	65.1	66.0	66.2	66.3	66.8	67.2	67.6	67.6
≥ 8000	30.3	56.6	61.6	64.0	66.1	66.3	67.1	67.4	67.5	68.0	68.4	68.8	68.8
≥ 7000	30.7	57.8	63.0	65.5	67.6	67.9	68.7	68.9	69.0	69.6	70.0	70.4	70.4
≥ 6000	30.9	58.2	63.5	66.0	68.1	68.3	69.2	69.4	69.6	70.1	70.6	71.0	71.0
≥ 5000	31.4	59.1	64.4	67.0	69.2	69.5	70.3	70.6	70.7	71.2	71.7	72.1	72.1
≥ 4500	31.4	59.4	64.7	67.3	69.5	69.8	70.6	70.9	71.0	71.5	72.0	72.4	72.4
≥ 4000	31.6	59.8	65.2	67.8	70.0	70.3	71.1	71.5	71.6	72.1	72.6	73.0	73.0
≥ 3500	31.7	60.1	65.6	68.1	70.4	70.7	71.5	71.8	72.0	72.5	73.0	73.4	73.4
≥ 3000	31.9	60.6	66.1	68.7	71.0	71.2	72.2	72.5	72.6	73.2	73.6	74.1	74.1
≥ 2500	32.1	61.6	67.1	69.7	72.1	72.4	73.4	73.7	73.8	74.4	74.8	75.3	75.3
≥ 2000	32.6	62.5	68.2	70.8	73.3	73.6	74.7	75.0	75.1	75.6	76.1	76.6	76.6
≥ 1800	32.7	62.9	68.6	71.3	73.7	74.0	75.1	75.4	75.5	76.1	76.5	77.0	77.0
≥ 1500	33.2	64.2	70.0	72.9	75.3	75.6	76.7	77.0	77.1	77.6	78.1	78.6	78.6
≥ 1200	33.4	65.9	71.9	74.9	77.3	77.7	78.7	79.1	79.2	79.7	80.2	80.7	80.7
≥ 1000	33.6	67.4	73.6	76.8	79.4	79.8	80.9	81.2	81.3	81.9	82.3	82.8	82.8
≥ 900	33.7	68.3	74.8	78.0	80.6	81.0	82.1	82.4	82.5	83.1	83.6	84.1	84.1
≥ 800	33.9	69.4	76.1	79.5	82.2	82.5	83.6	84.0	84.1	84.7	85.2	85.6	85.6
≥ 700	34.0	70.1	77.2	80.8	83.6	83.9	85.2	85.6	85.7	86.3	86.8	87.3	87.3
≥ 600	34.0	70.6	77.7	81.7	84.5	85.0	86.3	86.6	86.8	87.4	87.9	88.4	88.4
≥ 500	34.1	71.2	78.7	83.4	86.6	87.3	88.8	89.4	89.5	90.2	90.6	91.2	91.2
≥ 400	34.1	71.6	79.4	84.3	87.7	88.4	90.3	91.1	91.3	92.1	92.6	93.2	93.2
≥ 300	34.1	71.7	79.7	84.5	88.3	89.1	91.0	92.4	92.5	93.5	94.2	94.8	94.8
≥ 200	34.1	71.8	79.7	84.6	88.4	89.3	91.4	92.8	92.9	94.1	94.9	95.7	95.7
≥ 100	34.1	71.8	79.7	84.6	88.4	89.3	91.4	92.8	92.9	94.1	94.9	95.7	95.7
≥ 0	34.1	71.8	79.7	84.6	88.4	89.3	91.4	92.8	92.9	94.1	94.9	95.7	95.7

2277

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-46,52-75

STATION NAME

YEARS

APR

MONTH

0900-1100
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING	43.1	55.8	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 20000	47.6	62.3	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 18000	47.7	62.6	63.0	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 16000	48.0	63.0	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 14000	48.4	63.7	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 12000	49.3	65.5	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 10000	50.6	68.0	68.5	68.7	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
≥ 9000	50.8	68.4	68.9	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 8000	51.4	69.8	70.4	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 7000	51.7	70.8	71.4	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
≥ 6000	52.2	71.7	72.3	72.6	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0
≥ 5000	52.4	72.3	73.0	73.3	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4500	52.6	72.7	73.5	73.8	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4000	53.0	73.5	74.2	74.5	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
≥ 3500	53.5	74.4	75.2	75.5	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3000	54.6	75.9	76.8	77.1	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5
≥ 2500	55.7	77.9	78.9	79.3	79.5	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8
≥ 2000	57.4	81.0	82.0	82.4	82.7	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.0
≥ 1800	58.0	82.2	83.2	83.7	84.1	84.1	84.1	84.2	84.2	84.4	84.4	84.4	84.4
≥ 1500	59.1	84.9	86.0	86.5	86.9	87.0	87.1	87.2	87.2	87.3	87.3	87.3	87.3
≥ 1200	60.2	88.5	89.9	90.3	91.0	91.0	91.1	91.2	91.2	91.4	91.4	91.4	91.4
≥ 1000	60.9	90.8	92.3	92.8	93.4	93.5	93.6	93.8	93.8	94.0	94.0	94.0	94.0
≥ 900	61.0	91.4	92.9	93.4	94.2	94.2	94.3	94.5	94.6	94.7	94.7	94.7	94.7
≥ 800	61.1	92.2	93.9	94.4	95.2	95.2	95.4	95.6	95.6	95.9	95.9	95.9	95.9
≥ 700	61.2	92.5	94.4	95.1	95.9	95.9	96.1	96.4	96.4	96.7	96.7	96.7	96.7
≥ 600	61.2	92.9	94.9	95.6	96.5	96.5	96.7	97.0	97.1	97.3	97.3	97.3	97.3
≥ 500	61.2	93.1	95.4	96.1	97.1	97.1	97.2	97.6	97.6	97.9	97.9	97.9	97.9
≥ 400	61.2	93.3	95.6	96.5	97.6	97.6	97.9	98.3	98.3	98.8	98.8	98.8	98.8
≥ 300	61.2	93.3	95.6	96.6	97.8	97.8	98.1	98.7	98.7	99.3	99.3	99.3	99.3
≥ 200	61.2	93.3	95.6	96.6	97.8	97.8	98.1	98.7	98.7	99.3	99.3	99.3	99.3
≥ 100	61.2	93.3	95.6	96.6	97.8	97.8	98.1	98.7	98.7	99.3	99.3	99.3	99.3
≥ 0	61.2	93.3	95.6	96.6	97.8	97.8	98.1	98.7	98.7	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

2411

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-46,52-75
YEARS

APR
MONTH

1200-1400
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING ≥ 20000	49.4	55.0	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	57.8	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	58.1	65.3	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000	58.1	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 12000	58.4	66.0	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	59.3	67.2	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 9000	60.4	69.2	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 8000	60.5	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 7000	61.1	70.4	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 6000	61.7	71.2	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	62.1	72.0	72.2	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4500	62.9	73.0	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 4000	63.8	74.1	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3500	66.1	76.9	77.1	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3000	68.6	79.8	80.0	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2500	71.8	84.1	84.5	84.8	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000	73.9	87.8	88.3	88.8	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	76.1	91.3	91.8	92.4	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.3
≥ 1500	76.4	92.1	92.7	93.2	93.7	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.1
≥ 1200	77.0	93.3	93.9	94.5	95.1	95.1	95.3	95.5	95.5	95.6	95.6	95.6	95.6
≥ 1000	77.3	94.4	95.1	95.8	96.4	96.4	96.6	96.8	96.8	97.0	97.0	97.0	97.0
≥ 900	77.4	95.0	95.7	96.5	97.1	97.2	97.5	97.7	97.7	97.8	97.8	97.8	97.8
≥ 800	77.4	95.1	95.9	96.8	97.3	97.4	97.8	98.0	98.0	98.2	98.2	98.2	98.2
≥ 700	77.4	95.4	96.2	97.1	97.6	97.7	98.1	98.4	98.4	98.6	98.6	98.6	98.6
≥ 600	77.4	95.5	96.3	97.2	97.8	97.9	98.3	98.6	98.6	98.8	98.8	98.8	98.8
≥ 500	77.4	95.6	96.5	97.5	98.1	98.2	98.5	98.8	98.8	99.0	99.0	99.0	99.0
≥ 400	77.4	95.8	96.8	97.8	98.5	98.6	99.0	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	77.4	95.8	96.8	97.9	98.6	98.6	99.2	99.6	99.6	99.8	99.9	99.9	99.9
≥ 200	77.4	95.8	96.8	97.9	98.6	98.7	99.2	99.7	99.7	99.9	100.0	100.0	100.0
≥ 100	77.4	95.8	96.8	97.9	98.6	98.7	99.2	99.7	99.7	99.9	100.0	100.0	100.0
≥ 0	77.4	95.8	96.8	97.9	98.6	98.7	99.2	99.7	99.7	99.9	100.0	100.0	100.0

2506

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13857 STATION

MOODY AFB GEORGIA/VALDOOSTA

STATION NAME

42-46.52-75

YEARS

APR MONTH

1500-1700
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	53.1	57.2	57.3	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 20000	62.8	68.3	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 18000	63.0	68.5	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 16000	63.2	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0
≥ 14000	64.2	69.9	70.0	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 12000	65.5	71.6	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9
≥ 10000	67.2	73.8	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2
≥ 9000	67.5	74.2	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6
≥ 8000	68.9	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8
≥ 7000	69.5	77.3	77.4	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 6000	70.1	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7
≥ 5000	71.7	80.3	80.5	80.6	80.6	80.6	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8
≥ 4500	72.7	81.4	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4000	75.1	84.5	84.8	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	76.4	86.1	86.6	86.8	86.9	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1
≥ 3000	79.3	89.6	90.2	90.5	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	80.1	91.5	92.0	92.4	92.6	92.6	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9
≥ 2000	81.0	93.6	94.3	94.9	95.1	95.1	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	81.2	93.9	94.6	95.2	95.5	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	81.4	94.5	95.3	96.0	96.2	96.2	96.2	96.5	96.6	96.7	96.7	96.7	96.7	96.7
≥ 1200	81.4	94.9	95.8	96.4	96.7	96.7	96.7	97.0	97.0	97.2	97.3	97.3	97.3	97.3
≥ 1000	81.4	95.3	96.4	97.1	97.4	97.5	97.5	97.7	97.9	98.0	98.1	98.2	98.2	98.2
≥ 900	81.4	95.3	96.4	97.1	97.4	97.5	97.5	97.8	97.9	98.1	98.2	98.3	98.3	98.3
≥ 800	81.4	95.4	96.4	97.2	97.6	97.7	97.7	98.1	98.2	98.4	98.5	98.6	98.6	98.6
≥ 700	81.4	95.4	96.5	97.2	97.7	97.7	97.7	98.1	98.3	98.5	98.6	98.7	98.7	98.7
≥ 600	81.4	95.6	96.8	97.5	98.0	98.1	98.1	98.6	98.8	99.0	99.2	99.3	99.3	99.3
≥ 500	81.4	95.8	96.9	97.6	98.2	98.3	98.3	98.8	99.1	99.3	99.4	99.6	99.6	99.6
≥ 400	81.4	95.8	97.0	97.7	98.3	98.5	98.5	99.1	99.4	99.6	99.8	99.9	99.9	99.9
≥ 300	81.4	95.8	97.0	97.7	98.4	98.6	98.6	99.2	99.4	99.8	99.9	100.0	100.0	100.0
≥ 200	81.4	95.8	97.0	97.7	98.4	98.6	98.6	99.2	99.4	99.8	99.9	100.0	100.0	100.0
≥ 100	81.4	95.8	97.0	97.7	98.4	98.6	98.6	99.2	99.4	99.8	99.9	100.0	100.0	100.0
≥ 0	81.4	95.8	97.0	97.7	98.4	98.6	98.6	99.2	99.4	99.8	99.9	100.0	100.0	100.0

2473

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

FORM
JUL 64

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13857

MOODY AFB GEORGIA/VALDOSTA

42-46,52-75

APR

STATION

YEARS

MONTH

1800-2000

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½
NO CEILING	58.6	66.3	66.6	66.8	66.8	66.8	67.0	67.0	67.0	67.0	67.0
≥ 20000	65.8	75.2	75.6	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.2
≥ 18000	66.0	75.4	75.8	76.1	76.2	76.2	76.3	76.3	76.3	76.4	76.4
≥ 16000	66.3	75.8	76.2	76.5	76.6	76.6	76.8	76.8	76.8	76.8	76.8
≥ 14000	66.9	76.6	77.0	77.3	77.4	77.4	77.5	77.5	77.5	77.6	77.6
≥ 12000	67.7	77.5	78.0	78.2	78.3	78.3	78.5	78.5	78.5	78.6	78.6
≥ 10000	69.1	79.6	80.1	80.4	80.5	80.5	80.7	80.7	80.7	80.8	80.8
≥ 9000	69.5	80.1	80.6	80.9	81.0	81.0	81.2	81.2	81.2	81.3	81.3
≥ 8000	70.3	81.9	82.4	82.7	82.8	82.8	83.0	83.0	83.0	83.1	83.1
≥ 7000	71.0	82.9	83.5	83.8	83.9	83.9	84.0	84.0	84.0	84.1	84.1
≥ 6000	72.0	84.5	85.1	85.4	85.6	85.6	85.8	85.8	85.8	85.9	85.9
≥ 5000	72.9	85.7	86.6	86.9	87.2	87.2	87.4	87.4	87.4	87.5	87.5
≥ 4500	73.7	86.7	87.5	87.8	88.1	88.1	88.3	88.3	88.3	88.4	88.4
≥ 4000	74.9	88.3	89.2	89.5	89.8	89.9	90.0	90.0	90.0	90.1	90.1
≥ 3500	75.2	89.2	90.0	90.4	90.7	90.7	91.0	91.0	91.0	91.1	91.1
≥ 3000	75.6	90.3	91.5	91.9	92.2	92.3	92.6	92.6	92.6	92.7	92.7
≥ 2500	76.4	91.7	92.9	93.4	93.7	93.8	94.1	94.1	94.1	94.2	94.2
≥ 2000	76.9	92.9	94.2	94.7	95.0	95.1	95.5	95.5	95.5	95.6	95.6
≥ 1800	77.1	93.3	94.6	95.1	95.4	95.5	95.9	95.9	95.9	96.0	96.0
≥ 1500	77.4	94.0	95.4	96.0	96.3	96.4	96.9	96.9	96.9	97.0	97.0
≥ 1200	77.4	94.2	96.0	96.7	97.0	97.1	97.6	97.6	97.6	97.7	97.7
≥ 1000	77.4	94.4	96.4	97.1	97.5	97.6	98.1	98.1	98.1	98.2	98.2
≥ 900	77.4	94.5	96.4	97.1	97.6	97.8	98.2	98.2	98.2	98.3	98.4
≥ 800	77.4	94.6	96.5	97.3	97.8	97.9	98.4	98.4	98.4	98.5	98.6
≥ 700	77.4	94.7	96.7	97.5	98.0	98.2	98.7	98.7	98.8	98.8	98.8
≥ 600	77.4	94.8	96.9	97.7	98.3	98.4	98.9	98.9	99.1	99.2	99.2
≥ 500	77.4	94.9	97.0	97.9	98.6	98.7	99.4	99.4	99.6	99.7	99.7
≥ 400	77.4	94.9	97.1	98.0	98.7	98.8	99.4	99.5	99.7	99.7	99.8
≥ 300	77.4	94.9	97.1	98.0	98.7	98.8	99.5	99.5	99.6	99.8	99.8
≥ 200	77.4	94.9	97.1	98.0	98.8	98.9	99.5	99.5	99.7	99.8	99.8
≥ 100	77.4	94.9	97.1	98.0	98.8	98.9	99.5	99.5	99.7	99.8	99.8
≥ 0	77.4	94.9	97.1	98.0	98.8	98.9	99.5	99.5	99.7	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2168

USAF ETAC

FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOSTA

42-46,52-75

APR

STATION

STATION NAME

YEARS

MONTH

2100-2300
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	56.7	73.5	74.2	74.4	74.5	74.5	74.7	74.8	74.8	74.8	74.8	74.8
≥ 20000	61.4	79.7	80.6	80.9	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3
≥ 18000	61.4	79.7	80.6	80.9	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3
≥ 16000	61.5	79.8	80.8	81.0	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4
≥ 14000	62.0	80.5	81.5	81.7	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1
≥ 12000	62.5	81.4	82.5	82.8	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2
≥ 10000	63.3	83.1	84.2	84.6	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0
≥ 9000	63.6	83.4	84.6	85.0	85.1	85.1	85.3	85.4	85.4	85.4	85.4	85.4
≥ 8000	64.1	84.5	85.8	86.2	86.4	86.4	86.6	86.7	86.7	86.7	86.7	86.7
≥ 7000	64.1	85.0	86.5	86.9	87.1	87.1	87.3	87.4	87.4	87.4	87.4	87.4
≥ 6000	64.5	86.2	87.7	88.2	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7
≥ 5000	64.7	87.0	88.6	89.1	89.4	89.4	89.6	89.7	89.7	89.7	89.7	89.7
≥ 4500	65.0	87.5	89.2	89.8	90.1	90.1	90.3	90.4	90.4	90.4	90.4	90.4
≥ 4000	65.3	88.3	90.1	90.7	91.0	91.0	91.2	91.3	91.3	91.3	91.3	91.3
≥ 3500	65.3	88.5	90.3	90.9	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3000	65.5	89.0	90.8	91.5	91.9	91.9	92.1	92.2	92.2	92.2	92.2	92.2
≥ 2500	65.6	90.0	91.9	92.7	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	65.8	90.5	92.4	93.2	93.6	93.6	93.8	93.9	93.9	93.9	93.9	93.9
≥ 1800	66.0	91.0	93.0	93.8	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500	66.4	92.2	94.4	95.1	95.5	95.5	95.8	95.9	95.9	95.9	95.9	95.9
≥ 1200	66.5	93.1	95.4	96.2	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	66.6	93.7	96.0	96.8	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	66.6	93.8	96.2	96.9	97.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7
≥ 800	66.7	94.0	96.3	97.1	97.5	97.5	97.8	97.9	97.9	97.9	97.9	97.9
≥ 700	66.7	94.0	96.5	97.2	97.8	97.8	98.1	98.2	98.2	98.2	98.2	98.2
≥ 600	66.7	94.1	96.6	97.4	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4
≥ 500	66.8	94.2	97.1	97.8	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	66.8	94.4	97.4	98.1	98.7	98.7	99.4	99.5	99.5	99.5	99.5	99.5
≥ 300	66.8	94.4	97.4	98.3	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	66.8	94.4	97.4	98.6	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	66.8	94.4	97.4	98.6	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	66.8	94.4	97.4	98.6	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9

1668

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MUDDY AFB GEORGIA/VALDOOSTA

42-46, 52-60, 63-64, 68-71, 73-75

MAY
MONTH

0000-0200
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.9	72.9	74.3	75.2	75.6	75.6	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0
≥ 20000	49.0	77.3	78.9	79.8	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5
≥ 18000	49.0	77.4	78.9	79.9	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6
≥ 16000	49.2	77.6	79.2	80.1	80.4	80.4	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8
≥ 14000	50.0	78.6	80.2	81.2	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9
≥ 12000	50.1	79.3	81.0	82.0	82.4	82.4	82.6	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8
≥ 10000	50.9	81.0	82.8	83.8	84.1	84.1	84.4	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6
≥ 9000	51.1	81.7	83.6	84.6	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
≥ 8000	51.8	83.3	85.3	86.3	86.6	86.6	86.9	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
≥ 7000	52.0	84.1	86.1	87.1	87.4	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 6000	52.3	84.7	86.7	87.7	88.1	88.1	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5
≥ 5000	52.7	85.7	87.7	88.8	89.1	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4500	52.8	85.9	88.0	89.0	89.4	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4000	53.1	86.3	88.3	89.4	89.8	89.8	90.0	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
≥ 3500	53.1	86.6	88.6	89.8	90.1	90.1	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000	53.4	87.4	89.5	90.6	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 2500	53.6	87.8	89.9	91.0	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 2000	53.8	88.5	90.6	91.7	92.1	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800	54.0	88.8	90.9	92.0	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
≥ 1500	54.2	89.3	91.4	92.5	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3
≥ 1200	54.3	90.1	92.2	93.3	93.7	93.7	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 1000	54.5	90.6	92.7	93.9	94.3	94.3	94.6	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9
≥ 900	54.6	91.0	93.4	94.5	95.0	95.0	95.3	95.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6
≥ 800	54.7	91.3	93.7	94.9	95.5	95.5	95.8	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1
≥ 700	54.8	91.5	93.8	95.1	95.7	95.7	96.1	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.4
≥ 600	54.8	91.8	94.2	95.4	96.1	96.1	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500	54.8	92.0	94.5	95.7	96.5	96.5	97.2	97.4	97.4	97.6	97.6	97.7	97.7	97.7	97.7
≥ 400	54.8	92.1	94.5	95.9	96.9	96.9	97.6	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1
≥ 300	54.8	92.3	94.8	96.2	97.2	97.2	97.9	98.3	98.3	98.5	98.5	98.6	98.6	98.6	98.6
≥ 200	54.8	92.4	95.0	96.4	97.4	97.4	98.3	98.6	98.6	99.0	99.0	99.2	99.2	99.2	99.2
≥ 100	54.8	92.4	95.0	96.4	97.4	97.4	98.4	98.7	98.7	99.1	99.2	99.4	99.4	99.4	99.4
≥ 0	54.8	92.4	95.0	96.4	97.4	97.4	98.4	98.7	98.7	99.1	99.2	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

1406

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MUDDY AFB GEORGIA/VALDOSTA

42-46, 52-75

YEARS

MAY

STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½
NO CEILING	29.5	56.2	60.6	63.0	65.1	65.4	66.4	66.7	67.2	67.5	67.8
≥ 20000	30.5	59.3	64.0	66.5	68.7	69.0	70.1	70.3	71.0	71.3	71.6
≥ 18000	30.7	59.5	64.2	66.7	68.9	69.2	70.3	70.5	71.2	71.5	71.8
≥ 16000	30.8	59.6	64.2	66.7	68.9	69.2	70.3	70.6	71.3	71.6	71.8
≥ 14000	31.0	60.2	65.0	67.5	69.7	70.0	71.1	71.3	72.1	72.3	72.6
≥ 12000	31.4	61.5	66.3	68.9	71.1	71.4	72.5	72.7	73.4	73.7	74.0
≥ 10000	32.1	63.5	68.5	71.1	73.3	73.6	74.7	75.0	75.7	76.0	76.2
≥ 9000	32.2	63.8	68.8	71.3	73.6	73.9	75.0	75.2	76.0	76.3	76.5
≥ 8000	33.0	65.0	70.1	72.6	74.9	75.2	76.3	76.6	77.3	77.6	77.9
≥ 7000	33.1	65.8	70.9	73.4	75.7	76.0	77.1	77.4	78.2	78.4	78.7
≥ 6000	33.2	66.4	71.6	74.2	76.5	76.8	77.9	78.2	78.9	79.2	79.4
≥ 5000	33.6	67.2	72.5	75.1	77.4	77.7	78.8	79.1	79.9	80.1	80.4
≥ 4500	33.7	67.5	72.9	75.6	77.9	78.2	79.3	79.5	80.3	80.6	80.8
≥ 4000	33.9	68.3	73.7	76.4	78.7	79.0	80.1	80.4	81.1	81.4	81.7
≥ 3500	34.2	68.7	74.1	76.9	79.1	79.4	80.6	80.8	81.6	81.9	82.1
≥ 3000	34.4	69.2	74.6	77.4	79.7	80.1	81.2	81.5	82.3	82.6	82.8
≥ 2500	34.6	69.6	75.0	77.9	80.2	80.5	81.7	82.0	82.8	83.0	83.3
≥ 2000	34.7	70.0	75.5	78.4	80.8	81.2	82.4	82.7	83.5	83.8	84.0
≥ 1800	34.8	70.1	75.6	78.5	80.9	81.3	82.5	82.8	83.6	83.9	84.1
≥ 1500	35.0	70.7	76.5	79.4	81.9	82.3	83.4	83.8	84.6	84.8	85.1
≥ 1200	35.1	71.5	77.3	80.3	82.9	83.3	84.5	84.8	85.6	85.9	86.2
≥ 1000	35.2	72.4	78.5	81.6	84.3	84.6	85.9	86.3	87.1	87.3	87.6
≥ 900	35.3	72.9	79.0	82.2	84.9	85.3	86.6	86.9	87.7	88.0	88.3
≥ 800	35.4	73.3	79.5	82.7	85.4	85.8	87.1	87.5	88.4	88.6	88.9
≥ 700	35.6	73.9	80.4	83.6	86.4	86.7	88.1	88.5	89.3	89.5	89.8
≥ 600	35.7	74.5	81.2	84.5	87.3	87.7	89.0	89.4	90.3	90.5	90.8
≥ 500	35.8	75.1	82.0	85.6	88.6	89.0	90.4	90.8	91.6	91.9	92.1
≥ 400	35.8	75.5	82.4	86.2	89.6	90.1	91.6	92.1	93.0	93.2	93.5
≥ 300	35.9	76.0	83.0	86.9	90.6	91.1	93.0	93.6	94.7	95.1	95.4
≥ 200	35.9	76.1	83.2	87.4	91.5	92.0	94.0	94.8	96.1	96.7	97.2
≥ 100	35.9	76.1	83.3	87.4	91.5	92.1	94.1	94.9	96.5	97.1	97.8
≥ 0	35.9	76.1	83.3	87.4	91.5	92.1	94.1	94.9	96.5	97.1	97.9

TOTAL NUMBER OF OBSERVATIONS

1951

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-46, 52-75

STATION NAME

YEARS

MAY

MONTH

0600-0800
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING ≥ 20000	23.9	46.5	51.7	54.2	56.6	56.8	57.6	58.0	58.1	58.4	58.5	58.6
≥ 18000	25.5	50.5	56.6	59.3	62.2	62.6	63.7	64.1	64.2	64.6	64.8	64.8
≥ 16000	25.5	50.5	56.6	59.3	62.2	62.6	63.7	64.1	64.2	64.6	64.8	64.8
≥ 14000	25.5	50.5	56.6	59.3	62.2	62.6	63.7	64.1	64.2	64.6	64.8	64.8
≥ 12000	25.8	51.4	57.6	60.4	63.4	63.7	64.9	65.3	65.3	65.7	65.9	66.0
≥ 10000	26.6	52.9	59.2	62.0	65.0	65.4	66.5	66.9	67.0	67.4	67.6	67.6
≥ 9000	27.2	55.2	61.8	64.8	67.9	68.3	69.5	70.0	70.1	70.4	70.8	71.0
≥ 8000	27.3	55.5	62.1	65.1	68.2	68.6	69.8	70.3	70.3	70.7	71.1	71.3
≥ 7000	27.9	56.9	63.6	66.7	69.9	70.3	71.5	72.0	72.0	72.4	72.8	73.0
≥ 6000	28.0	57.3	64.1	67.4	70.6	71.0	72.2	72.7	72.8	73.2	73.5	73.7
≥ 5000	28.2	57.9	64.7	68.0	71.1	71.5	72.9	73.4	73.5	73.9	74.2	74.5
≥ 4500	28.5	58.5	65.4	68.7	72.1	72.4	73.7	74.1	74.2	74.6	74.9	75.0
≥ 4000	28.6	58.6	65.5	68.8	72.2	72.5	73.7	74.2	74.3	74.7	75.0	75.1
≥ 3500	28.8	59.3	66.3	69.6	73.1	73.4	74.6	75.1	75.2	75.6	76.0	76.2
≥ 3000	29.0	59.6	66.6	69.9	73.4	73.7	75.0	75.5	75.6	76.0	76.3	76.6
≥ 2500	29.0	60.1	67.0	70.5	74.0	74.4	75.7	76.2	76.3	76.7	77.1	77.3
≥ 2000	29.0	60.2	67.2	70.6	74.2	74.6	75.8	76.4	76.5	76.9	77.2	77.5
≥ 1800	29.1	60.8	67.8	71.3	74.9	75.3	76.5	77.1	77.1	77.6	77.9	78.0
≥ 1500	29.1	61.0	68.0	71.5	75.1	75.5	76.7	77.3	77.4	77.8	78.1	78.2
≥ 1200	29.4	61.8	68.9	72.4	76.1	76.5	77.7	78.3	78.4	78.8	79.1	79.2
≥ 1000	29.6	63.3	70.7	74.3	78.2	78.6	79.9	80.4	80.5	80.9	81.3	81.5
≥ 900	30.1	65.1	72.7	76.6	80.7	81.1	82.4	83.0	83.1	83.6	83.9	84.2
≥ 800	30.2	65.7	73.5	77.3	81.5	81.9	83.2	83.7	83.8	84.3	84.7	84.9
≥ 700	30.5	66.7	74.7	78.6	83.0	83.4	84.8	85.4	85.5	86.1	86.4	86.7
≥ 600	30.7	67.3	75.8	79.8	84.3	84.7	86.2	86.8	87.0	87.6	87.9	88.0
≥ 500	30.8	67.9	76.7	80.9	85.6	86.0	87.6	88.2	88.4	89.0	89.3	89.4
≥ 400	30.9	68.5	77.7	82.0	86.9	87.6	89.2	90.2	90.4	91.1	91.4	91.5
≥ 300	30.9	68.6	78.0	82.6	87.7	88.6	90.7	92.0	92.3	93.1	93.5	93.6
≥ 200	31.0	68.8	78.2	82.8	88.1	89.2	91.5	93.1	93.5	94.9	95.4	95.5
≥ 100	31.0	68.8	78.2	82.8	88.1	89.2	91.8	93.5	94.0	95.6	96.3	96.4
≥ 0	31.0	68.8	78.2	82.8	88.1	89.2	91.8	93.5	94.0	95.6	96.3	96.4

TOTAL NUMBER OF OBSERVATIONS

2354

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOSTA

42-46,52-75

STATION NAME

YEARS

MAY

MONTH

0900-1100

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	43.3	57.9	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	47.6	65.0	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2
≥ 18000	47.7	65.1	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 16000	47.8	65.2	66.1	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4
≥ 14000	48.1	65.9	66.9	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2
≥ 12000	48.9	67.3	68.3	68.4	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6
≥ 10000	50.1	69.8	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 9000	50.2	70.0	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 8000	50.6	71.3	72.3	72.5	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7
≥ 7000	51.1	72.3	73.3	73.5	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7
≥ 6000	51.3	72.8	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3
≥ 5000	51.8	73.6	74.7	74.9	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1
≥ 4500	51.9	73.8	74.9	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3
≥ 4000	52.4	74.6	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2
≥ 3500	52.8	75.4	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9
≥ 3000	54.8	77.8	79.0	79.2	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4
≥ 2500	56.7	80.6	81.8	82.0	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2
≥ 2000	58.5	84.0	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9
≥ 1800	59.3	85.2	86.6	86.9	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
≥ 1500	61.1	88.6	90.1	90.5	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7
≥ 1200	61.8	90.8	92.5	92.9	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3
≥ 1000	62.4	92.5	94.5	95.0	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4
≥ 900	62.5	93.0	95.0	95.6	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 800	62.7	93.6	95.7	96.2	96.6	96.7	96.8	96.8	96.9	97.0	97.0	97.0
≥ 700	62.8	94.0	96.2	96.8	97.4	97.4	97.6	97.6	97.7	97.8	97.8	97.8
≥ 600	62.8	94.3	96.6	97.3	97.8	97.8	98.1	98.2	98.3	98.4	98.4	98.4
≥ 500	62.9	94.6	97.0	97.8	98.5	98.5	98.8	98.9	99.0	99.1	99.2	99.2
≥ 400	62.9	94.8	97.2	98.1	99.0	99.0	99.4	99.4	99.6	99.7	99.8	99.8
≥ 300	62.9	94.8	97.2	98.1	99.0	99.0	99.4	99.5	99.6	99.8	99.8	99.8
≥ 200	62.9	94.8	97.2	98.1	99.0	99.0	99.4	99.5	99.6	99.8	99.8	99.8
≥ 100	62.9	94.8	97.2	98.1	99.0	99.0	99.4	99.5	99.6	99.8	99.8	99.8
≥ 0	62.9	94.8	97.2	98.1	99.0	99.0	99.4	99.5	99.6	99.8	99.8	99.8

2504

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-46,52-75

STATION NAME

YEARS

MAY
MONTH

1200-1400
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	44.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 20000	51.2	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	51.4	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 16000	51.4	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000	51.9	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 12000	52.8	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 10000	53.6	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 9000	53.8	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 8000	54.5	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 7000	55.3	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 6000	55.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 5000	57.3	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4500	58.1	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 4000	60.8	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500	63.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3000	68.6	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2500	72.3	91.7	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4
≥ 2000	73.6	93.8	94.5	94.7	94.8	94.8	94.9	94.9	95.0	95.0	95.0
≥ 1800	73.9	94.2	94.9	95.1	95.2	95.3	95.4	95.4	95.5	95.5	95.5
≥ 1500	74.4	95.4	96.1	96.5	96.6	96.7	96.8	96.9	96.9	96.9	96.9
≥ 1200	74.7	96.1	97.0	97.5	97.7	97.9	98.0	98.1	98.1	98.1	98.1
≥ 1000	74.8	96.6	97.9	98.4	98.6	98.8	99.0	99.0	99.0	99.0	99.0
≥ 900	74.8	96.7	98.0	98.6	98.8	98.9	99.1	99.1	99.2	99.2	99.2
≥ 800	74.8	96.9	98.3	98.8	99.1	99.2	99.4	99.4	99.5	99.5	99.5
≥ 700	74.8	97.0	98.4	99.0	99.2	99.3	99.5	99.5	99.6	99.6	99.6
≥ 600	74.8	97.0	98.4	99.0	99.3	99.4	99.6	99.7	99.7	99.7	99.7
≥ 500	74.8	97.0	98.4	99.0	99.3	99.4	99.6	99.7	99.7	99.8	99.8
≥ 400	74.8	97.0	98.4	99.0	99.3	99.4	99.6	99.7	99.7	99.8	99.8
≥ 300	74.8	97.0	98.4	99.0	99.3	99.4	99.6	99.7	99.7	99.8	99.8
≥ 200	74.8	97.0	98.4	99.0	99.3	99.4	99.6	99.7	99.7	99.8	99.8
≥ 100	74.8	97.0	98.4	99.0	99.3	99.4	99.6	99.7	99.7	99.8	99.8
≥ 0	74.8	97.0	98.4	99.0	99.3	99.4	99.6	99.7	99.7	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2574

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDDSTA

42-46, 52-75

YEARS

MAY MONTH

1500-1700 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	45.8	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000	54.9	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 18000	55.3	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	55.4	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 14000	56.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 12000	57.6	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 10000	59.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 9000	59.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 8000	60.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 7000	61.2	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	62.0	75.5	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 5000	64.0	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4500	65.0	79.4	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	68.4	83.5	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	70.7	86.7	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3000	73.2	90.4	90.7	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	74.5	93.2	93.6	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	75.2	94.3	94.9	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9
≥ 1800	75.3	94.5	95.1	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0
≥ 1500	75.5	95.1	95.7	96.4	96.6	96.7	96.9	96.9	96.9	96.9	96.9
≥ 1200	75.8	95.9	96.6	97.4	97.6	97.7	97.9	98.0	98.0	98.0	98.0
≥ 1000	76.2	96.5	97.4	98.3	98.6	98.6	98.9	99.0	99.0	99.1	99.1
≥ 900	76.2	96.8	97.5	98.4	98.8	98.8	99.1	99.2	99.2	99.2	99.2
≥ 800	76.2	96.8	97.6	98.5	98.9	99.0	99.3	99.4	99.4	99.5	99.5
≥ 700	75.2	96.8	97.6	98.5	98.9	99.0	99.3	99.4	99.4	99.5	99.5
≥ 600	76.2	96.8	97.6	98.5	98.9	99.0	99.3	99.4	99.4	99.6	99.6
≥ 500	76.2	96.8	97.6	98.5	99.0	99.1	99.4	99.5	99.5	99.7	99.7
≥ 400	76.2	96.8	97.6	98.5	99.0	99.1	99.4	99.5	99.5	99.7	99.7
≥ 300	76.2	96.8	97.6	98.5	99.0	99.1	99.4	99.5	99.5	99.8	99.8
≥ 200	76.2	96.8	97.7	98.5	99.1	99.1	99.5	99.6	99.6	99.8	99.8
≥ 100	76.2	96.8	97.7	98.5	99.1	99.1	99.5	99.6	99.6	99.9	99.9
≥ 0	76.2	96.8	97.7	98.5	99.1	99.1	99.5	99.6	99.6	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

2529

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-46,52-75

YEARS

MON H

1800-2000
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ½	≥ 0
NO CEILING	49.5	58.6	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0
≥ 2000	59.9	71.3	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 1800	67.2	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1
≥ 1600	50.3	72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5
≥ 1400	60.9	72.9	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4
≥ 1200	62.5	75.3	75.6	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 1000	64.7	79.3	79.7	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 900	65.0	80.0	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7
≥ 800	66.2	81.8	82.2	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 700	67.0	82.9	83.5	83.6	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1
≥ 600	67.6	83.8	84.4	84.7	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 500	68.7	85.3	85.9	86.4	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 450	68.9	85.8	86.5	86.9	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5
≥ 400	70.3	88.2	89.0	89.5	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1
≥ 3500	71.2	89.8	90.5	91.0	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7
≥ 3000	72.3	91.7	92.5	93.1	93.4	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2500	73.0	93.2	94.1	94.6	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	73.6	94.5	95.6	96.2	96.6	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0
≥ 1800	73.7	94.6	95.7	96.3	96.7	96.7	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1
≥ 1500	73.9	95.1	96.3	96.9	97.3	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8
≥ 1200	74.0	95.3	96.5	97.1	97.5	97.5	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1
≥ 1000	74.2	95.7	97.0	97.6	98.2	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 900	74.2	95.8	97.1	97.7	98.3	98.3	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0
≥ 800	74.3	96.0	97.4	98.1	98.7	98.7	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4
≥ 700	74.3	96.3	97.6	98.3	98.9	98.9	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
≥ 600	74.3	96.4	97.7	98.4	99.0	99.0	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
≥ 500	74.4	96.5	97.8	98.5	99.1	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 400	74.4	96.5	97.8	98.5	99.1	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 300	74.4	96.5	97.8	98.5	99.1	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 200	74.4	96.5	97.8	98.5	99.1	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 100	74.4	96.5	97.8	98.5	99.1	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 0	74.4	96.5	97.8	98.5	99.1	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

STATION NAME
MUDDY AFB GEORGIA/VALDOSTA

YEARS
42-46, 52-75

MONTH
MAY

2100-2300
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	54.4	70.6	71.5	72.0	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.5
≥ 20000	58.5	77.1	78.3	78.8	79.0	79.0	79.0	79.1	79.1	79.1	79.2	79.3
≥ 18000	58.6	77.3	78.4	79.0	79.1	79.1	79.1	79.3	79.3	79.3	79.4	79.4
≥ 16000	58.7	77.6	78.7	79.3	79.4	79.4	79.4	79.6	79.6	79.6	79.7	79.7
≥ 14000	59.6	78.7	79.9	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.8	80.9
≥ 12000	60.5	79.9	81.0	81.6	81.8	81.8	81.8	81.9	81.9	81.9	82.0	82.1
≥ 10000	61.6	82.9	84.1	84.7	84.9	84.9	84.9	85.1	85.1	85.1	85.2	85.2
≥ 9000	62.2	83.7	85.0	85.6	85.8	85.8	85.8	86.0	86.0	86.0	86.1	86.1
≥ 8000	62.7	85.1	86.4	87.0	87.3	87.3	87.3	87.5	87.5	87.5	87.6	87.6
≥ 7000	63.5	86.4	87.8	88.6	88.8	88.8	88.8	89.0	89.0	89.1	89.1	89.1
≥ 6000	64.4	87.6	89.0	89.8	90.0	90.0	90.0	90.2	90.2	90.3	90.3	90.3
≥ 5000	64.8	88.8	90.2	91.0	91.3	91.3	91.3	91.4	91.4	91.5	91.6	91.6
≥ 4500	65.1	89.4	90.8	91.6	91.9	91.9	91.9	92.0	92.0	92.1	92.2	92.2
≥ 4000	65.5	90.5	92.1	92.9	93.2	93.2	93.2	93.4	93.4	93.5	93.5	93.5
≥ 3500	65.7	90.9	92.6	93.5	93.8	93.8	93.8	93.9	93.9	94.0	94.1	94.1
≥ 3000	66.1	91.9	93.8	94.6	95.0	95.0	95.0	95.2	95.2	95.2	95.3	95.3
≥ 2500	66.5	92.4	94.5	95.4	95.8	95.8	95.8	96.0	96.0	96.0	96.1	96.1
≥ 2000	66.8	93.1	95.4	96.3	96.7	96.7	96.7	96.9	96.9	97.0	97.0	97.0
≥ 1800	66.8	93.1	95.4	96.3	96.7	96.7	96.7	96.8	96.8	97.0	97.1	97.1
≥ 1500	67.1	93.5	95.7	96.6	97.1	97.1	97.1	97.2	97.2	97.4	97.4	97.5
≥ 1200	67.1	93.7	96.1	97.0	97.6	97.6	97.6	97.8	97.8	97.9	97.9	97.9
≥ 1000	67.3	93.9	96.3	97.3	97.8	97.8	97.8	98.0	98.0	98.1	98.2	98.2
≥ 900	67.4	94.0	96.4	97.4	97.9	97.9	97.9	98.1	98.3	98.3	98.5	98.5
≥ 800	67.5	94.3	96.7	97.7	98.2	98.2	98.2	98.4	98.6	98.6	98.8	98.8
≥ 700	67.5	94.5	97.0	97.9	98.5	98.5	98.5	98.7	98.9	98.9	99.0	99.0
≥ 600	67.5	94.6	97.0	98.0	98.6	98.6	98.6	98.8	99.0	99.0	99.2	99.2
≥ 500	67.5	94.7	97.1	98.1	98.7	98.7	98.7	98.9	99.1	99.1	99.3	99.3
≥ 400	67.5	94.8	97.3	98.3	98.9	98.9	98.9	99.1	99.3	99.3	99.6	99.6
≥ 300	67.5	94.9	97.4	98.3	99.0	99.0	99.0	99.2	99.4	99.5	99.7	99.7
≥ 200	67.5	94.9	97.4	98.3	99.0	99.0	99.0	99.2	99.4	99.5	99.9	99.9
≥ 100	67.5	94.9	97.4	98.3	99.0	99.0	99.0	99.2	99.4	99.5	99.9	99.9
≥ 0	67.5	94.9	97.4	98.3	99.0	99.0	99.0	99.2	99.4	99.5	99.9	99.9

1683

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDDSTA

STATION NAME

42-46,52-62,65-66,69-73,75

YEARS

JUN

MONTH

0000-0200
(HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	51.8	73.0	73.4	73.7	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.3
≥ 20000	53.8	78.0	78.6	79.0	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.5
≥ 18000	53.8	78.3	78.8	79.2	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.7
≥ 16000	53.8	78.3	78.8	79.2	79.5	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.8
≥ 14000	54.8	79.9	80.5	80.8	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.5
≥ 12000	55.6	82.7	83.4	83.8	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.4
≥ 10000	56.9	85.6	86.4	86.8	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.4
≥ 9000	57.1	86.1	86.9	87.3	87.6	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.9
≥ 8000	57.8	87.4	88.3	88.7	89.0	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.4
≥ 7000	58.1	87.9	88.8	89.2	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.8
≥ 6000	58.2	88.6	89.5	89.9	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.5
≥ 5000	58.4	89.2	90.1	90.6	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.2
≥ 4500	58.5	89.3	90.2	90.8	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.4
≥ 4000	58.7	90.2	91.1	91.6	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.2
≥ 3500	58.8	90.2	91.1	91.7	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.3
≥ 3000	59.0	90.5	91.5	92.1	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.8
≥ 2500	59.4	91.4	92.4	93.0	93.3	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.7
≥ 2000	59.7	91.7	92.8	93.4	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	94.1
≥ 1800	59.7	91.7	92.8	93.4	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	94.1
≥ 1500	59.8	92.5	93.6	94.2	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	95.0
≥ 1200	60.0	93.3	94.5	95.1	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	96.0
≥ 1000	60.4	94.4	95.5	96.1	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	97.0
≥ 900	60.5	94.7	95.9	96.5	97.0	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.5
≥ 800	60.6	95.0	96.2	96.8	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.8
≥ 700	60.6	95.0	96.2	96.8	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.8
≥ 600	60.8	95.3	96.6	97.3	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.3
≥ 500	60.8	95.5	96.7	97.5	98.0	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.6
≥ 400	60.8	95.9	97.4	98.1	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.3
≥ 300	60.8	96.0	97.5	98.3	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.4
≥ 200	60.8	96.1	97.7	98.4	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 100	60.8	96.1	97.7	98.4	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 0	60.8	96.1	97.7	98.4	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	100.0

1321

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-46, 52-75
YEARS

JUN
MONTH

0300-0500
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ 5/16
NO CEILING	32.7	59.0	64.1	66.1	67.3	67.6	68.1	68.4	68.4	68.6	68.8
≥ 2000	34.6	63.4	69.1	71.1	72.5	72.7	73.3	73.6	73.6	74.0	74.1
≥ 1800	34.6	63.4	69.2	71.2	72.5	72.8	73.3	73.6	73.6	74.0	74.2
≥ 1600	34.6	63.4	69.2	71.2	72.5	72.8	73.3	73.6	73.6	74.0	74.2
≥ 1400	34.8	64.3	70.1	72.1	73.5	73.7	74.3	74.6	74.6	75.0	75.1
≥ 1200	35.5	66.4	72.3	74.5	76.0	76.3	76.8	77.1	77.1	77.5	77.6
≥ 1000	36.4	68.4	74.6	76.8	78.3	78.6	79.1	79.5	79.5	79.9	80.0
≥ 900	36.7	69.1	75.5	77.7	79.2	79.5	80.0	80.4	80.4	80.8	80.9
≥ 800	37.0	69.9	76.2	78.6	80.1	80.4	80.9	81.4	81.4	81.8	82.0
≥ 700	37.1	70.4	76.8	79.2	80.8	81.1	81.6	82.0	82.1	82.4	82.7
≥ 600	37.2	70.7	77.1	79.5	81.1	81.3	81.9	82.3	82.3	82.7	82.9
≥ 500	37.7	71.3	78.2	80.7	82.3	82.6	83.1	83.6	83.6	84.0	84.2
≥ 450	37.8	72.1	78.5	81.1	82.7	82.9	83.5	83.9	84.3	84.3	84.5
≥ 400	38.2	72.7	79.3	81.9	83.5	83.7	84.3	84.7	85.1	85.1	85.4
≥ 3500	38.4	73.2	79.7	82.3	83.9	84.2	84.7	85.2	85.6	85.6	85.9
≥ 3000	38.5	73.5	80.1	82.7	84.3	84.6	85.1	85.5	85.6	86.0	86.2
≥ 2500	38.7	73.9	80.6	83.2	84.8	85.1	85.6	86.1	86.1	86.5	86.8
≥ 2000	38.8	74.1	80.8	83.5	85.1	85.3	85.9	86.3	86.3	86.8	87.0
≥ 1800	38.8	74.2	81.1	83.7	85.3	85.6	86.1	86.6	86.6	87.0	87.3
≥ 1500	39.0	75.0	82.0	84.6	86.3	86.6	87.1	87.6	87.6	88.0	88.3
≥ 1200	39.1	75.4	82.5	85.2	87.0	87.3	87.8	88.3	88.3	88.7	89.0
≥ 1000	39.5	76.2	83.3	86.1	88.1	88.4	88.9	89.3	89.4	89.8	89.8
≥ 900	39.5	76.3	83.4	86.2	88.2	88.4	89.0	89.4	89.4	89.9	90.1
≥ 800	39.9	76.8	84.3	87.2	89.2	89.4	90.0	90.5	90.6	91.0	91.2
≥ 700	40.0	77.1	84.7	87.6	89.6	89.9	90.7	91.2	91.2	91.7	91.9
≥ 600	40.0	77.2	85.0	87.9	90.2	90.5	91.4	91.8	91.9	92.3	92.6
≥ 500	40.2	78.0	85.9	89.1	91.4	91.6	92.5	93.1	93.2	93.6	93.9
≥ 400	40.2	78.2	86.5	90.1	92.6	92.9	93.8	94.5	94.6	95.0	95.1
≥ 300	40.2	78.2	86.7	90.3	92.8	93.2	94.3	95.1	95.3	95.8	96.0
≥ 200	40.2	78.4	86.9	90.8	93.4	93.9	95.3	96.2	96.4	97.3	97.7
≥ 100	40.2	78.4	86.9	90.9	93.5	94.0	95.4	96.3	96.5	97.5	97.9
≥ 0	40.2	78.4	86.9	90.9	93.5	94.0	95.4	96.3	96.5	97.5	97.9

1874

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-46,52-75

YEARS

JUN

MONTH

0600-0800
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	20.8	44.7	49.1	51.7	53.5	54.1	54.5	54.6	54.6	55.0	55.2	55.2	55.3	55.4	56.0	
≥ 20000	23.6	50.5	55.7	58.5	60.9	61.5	62.1	62.3	62.4	62.9	63.0	63.0	63.2	63.3	63.9	
≥ 18000	23.7	50.6	55.9	58.8	61.2	61.7	62.4	62.5	62.6	63.1	63.2	63.2	63.4	63.6	64.1	
≥ 16000	23.7	50.6	55.9	58.8	61.2	61.8	62.4	62.5	62.6	63.2	63.3	63.3	63.4	63.6	64.2	
≥ 14000	23.9	51.3	56.6	59.7	62.1	62.6	63.2	63.4	63.5	64.0	64.1	64.1	64.3	64.4	65.1	
≥ 12000	24.7	53.6	59.2	62.3	64.9	65.5	66.1	66.2	66.3	66.8	67.0	67.0	67.2	67.4	68.1	
≥ 10000	25.5	55.9	61.9	65.2	67.9	68.5	69.1	69.2	69.3	69.9	70.0	70.0	70.2	70.4	71.0	
≥ 9000	25.7	56.5	62.6	65.9	68.7	69.2	69.9	70.0	70.1	70.6	70.8	70.8	71.0	71.2	71.8	
≥ 8000	26.1	58.0	64.2	67.7	70.5	71.1	71.8	72.0	72.1	72.6	72.7	72.7	73.0	73.2	73.8	
≥ 7000	26.5	58.7	65.1	68.5	71.3	72.0	72.7	72.9	73.0	73.5	73.6	73.6	73.9	74.1	74.7	
≥ 6000	26.5	58.9	65.4	68.8	71.6	72.3	73.0	73.2	73.3	73.8	73.9	73.9	74.2	74.4	75.0	
≥ 5000	27.0	59.7	66.1	69.6	72.5	73.1	73.9	74.1	74.2	74.8	74.9	74.9	75.1	75.4	76.0	
≥ 4500	27.1	59.9	66.4	69.9	72.7	73.4	74.1	74.3	74.4	75.0	75.1	75.1	75.4	75.6	76.2	
≥ 4000	27.3	60.2	66.7	70.3	73.1	73.8	74.6	74.8	74.9	75.5	75.6	75.6	75.8	76.1	76.7	
≥ 3500	27.3	60.4	66.8	70.4	73.3	73.9	74.7	75.0	75.1	75.7	75.8	75.8	76.0	76.3	76.9	
≥ 3000	27.6	60.7	67.2	70.9	73.8	74.5	75.3	75.5	75.6	76.2	76.3	76.3	76.6	76.8	77.4	
≥ 2500	27.7	61.2	67.8	71.5	74.3	75.0	75.9	76.2	76.3	76.8	77.0	77.0	77.2	77.5	78.0	
≥ 2000	27.9	61.7	68.4	72.3	75.1	75.8	76.7	77.0	77.1	77.7	77.8	77.8	78.0	78.3	78.9	
≥ 1800	28.0	61.9	68.6	72.4	75.4	76.0	77.0	77.2	77.3	77.9	78.0	78.0	78.3	78.5	79.1	
≥ 1500	28.2	62.5	69.4	73.2	76.2	76.9	77.8	78.1	78.2	78.7	78.9	78.9	79.1	79.4	79.9	
≥ 1200	28.5	63.3	70.2	74.1	77.1	77.8	78.7	79.0	79.1	79.6	79.8	79.8	80.0	80.2	80.8	
≥ 1000	28.9	64.9	72.1	76.1	79.2	79.9	81.0	81.2	81.3	81.9	82.1	82.1	82.3	82.6	83.1	
≥ 900	29.2	65.8	73.1	77.1	80.2	80.9	82.0	82.2	82.3	82.9	83.1	83.1	83.3	83.6	84.2	
≥ 800	29.4	66.8	74.3	78.4	81.8	82.6	83.6	83.9	84.0	84.6	84.8	84.8	85.0	85.3	85.9	
≥ 700	29.5	67.8	75.4	79.6	83.1	83.8	85.0	85.4	85.5	86.2	86.3	86.3	86.6	86.8	87.4	
≥ 600	29.6	68.5	76.5	80.9	84.6	85.4	86.8	87.4	87.4	88.1	88.3	88.3	88.6	88.9	89.5	
≥ 500	29.9	69.8	78.2	82.8	86.7	87.6	89.3	89.8	89.9	90.7	90.9	90.9	91.2	91.5	92.1	
≥ 400	30.0	70.4	79.1	83.9	88.4	89.4	91.3	92.0	92.1	93.0	93.3	93.3	93.7	94.0	94.6	
≥ 300	30.0	70.4	79.3	84.4	89.1	90.2	92.3	93.0	93.3	94.4	94.8	94.8	95.2	95.3	96.4	
≥ 200	30.0	70.5	79.5	84.6	89.3	90.4	92.7	93.8	94.1	95.5	95.9	96.0	96.7	97.0	98.8	
≥ 100	30.0	70.5	79.5	84.6	89.4	90.5	92.8	93.9	94.2	95.7	96.1	96.2	97.0	97.4	99.7	
≥ 0	30.0	70.5	79.5	84.6	89.4	90.5	92.8	93.9	94.2	95.7	96.1	96.2	97.0	97.4	100.0	

2253

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-46,52-75

YEARS

JUN MONTH

0900-1100
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2
NO CEILING	36.9	53.3	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	41.9	61.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 18000	42.0	61.4	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 16000	42.2	61.7	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 14000	43.1	62.9	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 12000	44.5	65.4	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 10000	45.9	68.4	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	46.0	68.8	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 8000	46.5	69.9	71.2	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 7000	46.8	70.3	71.7	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 6000	47.1	70.8	72.1	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	47.4	71.3	72.7	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4500	47.6	71.5	72.9	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4000	48.0	72.0	73.4	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 3500	49.0	73.3	74.7	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3000	50.8	75.5	76.9	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	53.1	78.7	80.1	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000	55.2	82.0	83.5	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1800	56.3	83.4	85.0	85.3	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	57.8	86.3	87.9	88.3	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1200	59.4	89.2	91.0	91.5	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1000	60.0	90.5	92.6	93.2	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	60.1	91.3	93.5	94.1	94.7	94.7	94.9	95.0	95.0	95.0	95.0	95.0
≥ 800	60.5	92.4	94.7	95.4	96.0	96.1	96.4	96.6	96.6	96.6	96.6	96.6
≥ 700	60.6	93.0	95.4	96.1	96.8	96.9	97.3	97.5	97.5	97.5	97.5	97.5
≥ 600	60.7	93.6	96.0	96.8	97.6	97.7	98.2	98.5	98.5	98.5	98.5	98.5
≥ 500	60.7	94.0	96.5	97.4	98.2	98.3	98.8	99.0	99.1	99.2	99.2	99.2
≥ 400	60.7	94.0	96.6	97.5	98.4	98.5	99.1	99.4	99.4	99.6	99.7	99.7
≥ 300	60.7	94.0	96.6	97.6	98.5	98.6	99.3	99.5	99.6	99.8	99.9	99.9
≥ 200	60.7	94.0	96.7	97.7	98.6	98.7	99.4	99.6	99.7	99.9	100.0	100.0
≥ 100	60.7	94.0	96.7	97.7	98.6	98.7	99.4	99.6	99.7	99.9	100.0	100.0
≥ 0	60.7	94.0	96.7	97.7	98.6	98.7	99.4	99.6	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2399

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MUDDY AFB GEORGIA/VALDOSTA

42-46, 52-75

STATION NAME

YEARS

JUN
MONTH

1200-1400
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	37.0	48.0	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 2000'	46.1	59.5	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 1800	46.1	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 1600	46.2	59.7	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 1400	47.5	61.3	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 1200	48.7	62.9	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 1000	49.9	65.4	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 900	50.1	65.7	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 800	50.9	67.2	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 700	51.0	67.4	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 600	51.3	67.8	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 500	52.1	68.9	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4500	52.8	69.7	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 4000	56.3	73.8	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3500	60.1	78.3	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	66.3	85.7	86.6	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1
≥ 2500	69.6	90.3	91.3	91.7	91.8	91.8	91.9	91.9	92.0	92.0	92.0
≥ 2000	71.3	93.0	94.3	94.8	95.0	95.0	95.1	95.1	95.2	95.2	95.2
≥ 1800	71.4	93.5	94.8	95.3	95.5	95.5	95.7	95.7	95.7	95.7	95.7
≥ 1500	72.3	94.8	96.1	96.5	96.8	96.8	97.1	97.1	97.1	97.1	97.1
≥ 1200	72.6	95.2	96.7	97.1	97.4	97.4	97.6	97.6	97.7	97.7	97.7
≥ 1000	72.6	95.6	97.1	97.6	97.9	97.9	98.1	98.1	98.2	98.2	98.2
≥ 900	72.7	95.7	97.2	97.7	98.0	98.0	98.3	98.3	98.3	98.3	98.3
≥ 800	72.8	96.2	97.8	98.4	98.7	98.7	98.9	98.9	99.0	99.0	99.0
≥ 700	72.9	96.3	98.0	98.6	98.9	98.9	99.1	99.1	99.2	99.2	99.2
≥ 600	72.9	96.5	98.3	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6
≥ 500	72.9	96.6	98.5	99.1	99.4	99.4	99.8	99.8	99.9	99.9	99.9
≥ 400	72.9	96.6	98.5	99.1	99.5	99.5	99.8	99.8	99.9	99.9	99.9
≥ 300	72.9	96.6	98.5	99.2	99.5	99.5	99.8	99.8	99.9	99.9	99.9
≥ 200	72.9	96.6	98.5	99.2	99.5	99.5	99.8	99.8	99.9	99.9	99.9
≥ 100	72.9	96.6	98.5	99.2	99.5	99.5	99.8	99.8	99.9	99.9	99.9
≥ 0	72.9	96.6	98.5	99.2	99.5	99.5	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

2461

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MODDY AFB GEORGIA/VALDOOSTA

STATION NAME

42-46, 52-75

YEARS

JUN

MONTH

1500-1700

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	37.7	46.0	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 20000	50.2	61.8	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 18000	50.3	61.8	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 16000	50.3	61.9	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	51.3	63.2	63.5	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7
≥ 12000	52.6	64.9	65.3	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6
≥ 10000	54.3	68.1	68.6	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9
≥ 9000	54.6	68.9	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 8000	55.4	70.5	71.1	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5
≥ 7000	56.0	71.3	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 6000	56.7	72.1	72.7	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1
≥ 5000	57.6	73.6	74.3	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7
≥ 4500	59.1	75.4	76.2	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6
≥ 4000	63.0	81.0	81.9	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4
≥ 3500	65.8	84.4	85.4	86.0	86.0	86.0	86.0	86.0	86.1	86.2	86.2
≥ 3000	69.0	89.5	90.8	91.4	91.4	91.4	91.4	91.4	91.5	91.6	91.6
≥ 2500	70.4	91.8	93.2	93.8	93.9	93.9	94.0	94.0	94.1	94.1	94.1
≥ 2000	71.4	93.4	94.8	95.6	95.7	95.7	95.8	95.8	95.9	96.0	96.0
≥ 1800	71.5	93.8	95.3	96.2	96.3	96.3	96.3	96.4	96.4	96.5	96.6
≥ 1500	72.0	94.7	96.3	97.2	97.3	97.3	97.3	97.4	97.4	97.6	97.6
≥ 1200	72.1	95.1	96.8	97.7	97.9	97.9	97.9	97.9	98.0	98.2	98.2
≥ 1000	72.3	95.6	97.3	98.3	98.5	98.5	98.6	98.7	98.7	98.9	98.9
≥ 900	72.3	95.7	97.4	98.4	98.6	98.6	98.7	98.7	98.8	99.0	99.0
≥ 800	72.4	95.7	97.4	98.4	98.7	98.7	98.7	98.8	98.9	99.1	99.1
≥ 700	72.4	95.8	97.5	98.5	98.7	98.7	98.7	98.9	99.0	99.0	99.0
≥ 600	72.4	95.9	97.6	98.6	99.0	99.0	99.1	99.2	99.3	99.3	99.3
≥ 500	72.4	95.9	97.7	98.7	99.1	99.1	99.3	99.4	99.5	99.7	99.7
≥ 400	72.4	95.9	97.7	98.7	99.2	99.2	99.3	99.4	99.5	99.7	99.7
≥ 300	72.4	95.9	97.7	98.7	99.2	99.2	99.3	99.4	99.5	99.7	99.7
≥ 200	72.4	95.9	97.7	98.7	99.2	99.2	99.3	99.4	99.5	99.7	99.7
≥ 100	72.4	95.9	97.7	98.7	99.2	99.2	99.3	99.4	99.5	99.7	99.7
≥ 0	72.4	95.9	97.7	98.7	99.2	99.2	99.3	99.4	99.5	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

2390

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-46,52-75

YEARS

JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	37.4	45.0	45.4	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7
≥ 20000	51.0	62.4	63.0	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4
≥ 18000	51.1	62.5	63.1	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5
≥ 16000	51.2	62.7	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 14000	52.8	64.5	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 12000	55.5	69.0	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	57.7	73.2	74.0	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4
≥ 9000	57.8	73.6	74.3	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8
≥ 8000	58.6	76.3	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 7000	59.5	77.8	78.5	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 6000	60.3	79.0	79.8	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 5000	62.1	81.5	82.3	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0
≥ 4500	63.1	83.0	83.8	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6
≥ 4000	65.0	85.7	86.7	87.3	87.4	87.5	87.6	87.6	87.6	87.6	87.6
≥ 3500	66.2	87.8	89.0	89.6	89.7	89.8	90.0	90.0	90.0	90.0	90.0
≥ 3000	67.9	91.0	92.4	92.9	93.1	93.1	93.3	93.3	93.3	93.4	93.4
≥ 2500	68.4	92.7	94.1	94.8	95.0	95.0	95.2	95.2	95.2	95.3	95.3
≥ 2000	68.8	93.6	95.1	95.8	96.1	96.1	96.3	96.3	96.3	96.4	96.4
≥ 1800	69.0	93.8	95.4	96.1	96.3	96.4	96.6	96.6	96.6	96.7	96.7
≥ 1500	69.2	94.4	96.1	96.9	97.1	97.1	97.4	97.4	97.4	97.4	97.4
≥ 1200	69.3	94.7	96.5	97.2	97.4	97.5	97.8	97.8	97.8	97.9	97.9
≥ 1000	69.7	95.3	97.1	97.9	98.2	98.3	98.7	98.7	98.7	98.8	98.8
≥ 900	69.7	95.5	97.3	98.1	98.4	98.4	98.8	98.8	98.9	98.9	98.9
≥ 800	69.8	95.5	97.4	98.3	98.5	98.6	99.0	99.0	99.1	99.1	99.1
≥ 700	69.8	95.6	97.5	98.3	98.6	98.6	99.1	99.1	99.1	99.2	99.2
≥ 600	69.8	95.7	97.6	98.4	98.7	98.8	99.2	99.3	99.4	99.5	99.5
≥ 500	69.8	95.8	97.7	98.5	98.8	98.9	99.4	99.5	99.5	99.6	99.6
≥ 400	69.8	95.8	97.8	98.6	98.9	99.0	99.6	99.7	99.7	99.7	99.7
≥ 300	69.8	95.8	97.8	98.6	98.9	99.0	99.6	99.7	99.7	99.8	99.8
≥ 200	69.8	95.8	97.8	98.6	98.9	99.0	99.6	99.7	99.7	99.8	99.8
≥ 100	69.8	95.8	97.8	98.6	98.9	99.0	99.6	99.7	99.7	99.8	99.8
≥ 0	69.8	95.8	97.8	98.6	98.9	99.0	99.6	99.7	99.7	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2066

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALOOSTA

STATION NAME

42-46, 52-75

YEARS

JUN
MONTH

2100-2300
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	≥ 20000	50.5	64.4	64.8	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
	≥ 18000	57.0	74.7	75.2	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
	≥ 16000	57.3	75.2	75.7	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
	≥ 14000	57.3	75.2	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
	≥ 12000	58.1	76.4	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
	≥ 10000	60.4	80.5	81.1	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
	≥ 9000	62.3	84.1	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
	≥ 8000	62.9	85.0	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
	≥ 7000	63.7	86.7	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
	≥ 6000	64.5	87.9	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
	≥ 5000	65.1	89.1	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
	≥ 4500	65.6	90.5	91.3	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6
	≥ 4000	65.8	90.9	91.8	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
	≥ 3500	66.2	92.0	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3
	≥ 3000	66.5	92.8	93.7	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
	≥ 2500	67.1	93.9	95.0	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3
≥ 2000	67.5	94.7	95.8	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
≥ 1800	68.0	95.7	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	
≥ 1500	68.0	95.9	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
≥ 1200	68.2	96.2	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	
≥ 1000	68.3	96.6	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	
≥ 900	68.5	96.9	98.2	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	
≥ 800	68.5	96.9	98.2	98.4	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
≥ 700	68.5	97.1	98.4	98.5	98.7	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	
≥ 600	68.5	97.1	98.4	98.6	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 500	68.6	97.2	98.6	98.7	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	
≥ 400	68.8	97.5	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 300	68.8	97.6	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	
≥ 200	68.8	97.7	99.1	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	
≥ 100	68.8	97.7	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	
≥ 0	68.8	97.7	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 1595

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-45, 51-60, 62, 64-66, 68-75 YEARS

JUL MONTH

0000-0200 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	45.4	67.5	68.8	69.1	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.4	69.4
≥ 20000	50.2	74.2	75.5	75.8	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1
≥ 18000	50.3	74.4	75.7	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3
≥ 16000	50.3	74.4	75.7	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3
≥ 14000	51.4	76.5	77.7	78.1	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4
≥ 12000	53.7	81.0	82.4	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2
≥ 10000	54.8	84.7	86.0	86.5	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.9	86.9	86.9
≥ 9000	55.1	85.0	86.4	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2
≥ 8000	55.6	86.9	88.3	88.9	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.3	89.3	89.3
≥ 7000	55.8	87.4	88.9	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8
≥ 6000	56.0	88.1	89.5	90.1	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4
≥ 5000	56.0	88.4	89.9	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8
≥ 4500	56.0	88.6	90.1	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0
≥ 4000	56.0	89.0	90.8	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7
≥ 3500	56.2	89.2	91.0	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0
≥ 3000	56.2	89.5	91.4	91.9	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3
≥ 2500	56.3	90.2	92.0	92.6	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0
≥ 2000	56.5	90.8	92.6	93.3	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.8	93.8	93.8
≥ 1800	56.5	90.8	92.6	93.3	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.8	93.8	93.8
≥ 1500	56.7	91.1	93.0	93.8	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.3	94.3	94.3
≥ 1200	56.7	91.2	93.1	93.9	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.5	94.5	94.5
≥ 1000	56.8	91.6	93.5	94.3	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9
≥ 900	56.8	91.6	93.5	94.4	94.7	94.7	94.8	94.8	94.8	94.9	94.9	95.0	95.0	95.0
≥ 800	57.0	92.2	94.1	94.9	95.3	95.3	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6
≥ 700	57.0	92.7	94.6	95.4	95.8	95.8	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1
≥ 600	57.0	92.9	94.8	95.7	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3
≥ 500	57.0	93.0	95.1	96.1	96.4	96.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8
≥ 400	57.0	93.3	95.4	96.6	97.0	97.0	97.2	97.2	97.3	97.5	97.5	97.5	97.5	97.5
≥ 300	57.0	93.8	96.3	97.5	97.9	97.9	98.2	98.2	98.3	98.5	98.5	98.6	98.6	98.6
≥ 200	57.0	93.8	96.4	97.8	98.2	98.2	98.7	98.7	98.8	99.1	99.1	99.2	99.2	99.2
≥ 100	57.0	93.9	96.8	98.2	98.8	98.8	99.2	99.3	99.4	99.8	99.8	100.0	100.0	100.0
≥ 0	57.0	93.9	96.8	98.2	98.8	98.8	99.2	99.3	99.4	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1424

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MOODY AFB GEORGIA/VALDOOSTA
STATION NAME

42-45,51-75
YEARS

JUL
MONTH

0300-0500
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING	33.1	61.5	64.4	66.8	68.0	69.1	68.4	68.7	68.7	69.3	69.7	70.1
≥ 20000	34.7	65.6	68.7	71.3	72.7	72.8	73.1	73.4	73.4	74.0	74.4	74.8
≥ 18000	34.7	65.6	68.7	71.3	72.7	72.8	73.1	73.4	73.4	74.0	74.4	74.9
≥ 16000	34.7	65.6	68.7	71.3	72.7	72.8	73.1	73.4	73.4	74.0	74.4	74.9
≥ 14000	35.3	66.9	70.0	72.7	74.1	74.2	74.5	74.8	74.8	75.4	75.8	76.3
≥ 12000	36.7	70.0	73.1	75.8	77.2	77.3	77.7	77.9	77.9	78.5	78.9	79.4
≥ 10000	37.8	72.9	76.1	78.8	80.2	80.3	80.6	80.9	80.9	81.5	81.9	82.4
≥ 9000	37.8	73.0	76.2	78.9	80.4	80.4	80.8	81.0	81.0	81.6	82.1	82.6
≥ 8000	38.1	73.7	76.9	79.7	81.2	81.3	81.6	81.9	81.9	82.5	82.9	83.4
≥ 7000	38.5	74.6	77.8	80.6	82.1	82.2	82.5	82.8	83.4	83.8	84.3	84.8
≥ 6000	38.6	74.8	78.1	80.8	82.4	82.4	82.8	83.0	83.6	84.0	84.5	84.9
≥ 5000	38.8	75.2	78.5	81.2	82.8	82.8	83.2	83.4	84.0	84.4	84.9	85.3
≥ 4500	38.8	75.3	78.6	81.4	82.9	83.0	83.3	83.6	84.2	84.6	85.1	85.5
≥ 4000	39.0	75.8	79.1	81.9	83.4	83.5	83.9	84.1	84.7	85.1	85.6	86.0
≥ 3500	39.1	76.0	79.3	82.1	83.6	83.7	84.1	84.3	84.9	85.3	85.8	86.2
≥ 3000	39.2	76.4	79.7	82.6	84.1	84.2	84.6	84.8	85.4	85.8	86.3	86.7
≥ 2500	39.3	76.8	80.1	82.9	84.5	84.5	84.9	85.2	85.8	86.2	86.7	87.1
≥ 2000	39.3	77.2	80.5	83.4	84.9	85.0	85.4	85.6	86.2	86.7	87.2	87.5
≥ 1800	39.3	77.4	80.7	83.5	85.1	85.1	85.5	85.8	86.4	86.8	87.3	87.7
≥ 1500	39.5	77.9	81.1	84.0	85.6	85.6	86.1	86.4	87.0	87.4	87.9	88.3
≥ 1200	39.5	78.2	81.4	84.3	85.9	85.9	86.5	86.7	87.3	87.7	88.2	88.6
≥ 1000	39.7	78.5	81.8	84.6	86.2	86.3	86.9	87.2	87.8	88.2	88.7	89.0
≥ 900	39.9	78.9	82.2	85.1	86.7	86.8	87.4	87.6	88.2	88.6	89.1	89.5
≥ 800	40.0	79.4	82.7	85.7	87.4	87.5	88.1	88.3	88.9	89.3	89.8	90.2
≥ 700	40.0	79.6	83.0	86.0	87.7	87.8	88.4	88.6	89.2	89.6	90.1	90.5
≥ 600	40.0	79.9	83.3	86.4	88.1	88.2	88.8	89.0	89.6	90.0	90.5	90.9
≥ 500	40.0	80.2	83.6	86.8	88.7	88.7	89.4	89.7	90.3	90.7	91.3	91.6
≥ 400	40.1	80.6	84.1	87.5	89.5	89.5	90.6	90.8	91.5	91.9	92.4	92.8
≥ 300	40.1	81.2	85.2	88.9	91.4	91.5	92.8	93.1	93.8	94.2	94.8	95.2
≥ 200	40.1	81.4	85.4	89.3	92.0	92.1	93.6	94.0	94.1	95.3	95.9	96.3
≥ 100	40.1	81.5	85.6	89.6	92.4	92.5	94.1	94.7	94.8	96.3	97.1	97.5
≥ 0	40.1	81.5	85.6	89.6	92.4	92.5	94.1	94.7	94.8	96.3	97.1	97.5

1978

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45,51-75
YEARS

JUL
MONTH

0600-0800
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	23.0	44.5	48.6	51.4	53.8	54.3	55.2	55.3	55.5	55.9	56.2	56.6	56.7	56.9
≥ 2000	25.7	50.6	55.4	58.5	61.4	61.8	62.8	62.9	63.2	63.6	64.0	64.5	64.6	64.8
≥ 1800	25.8	50.9	55.7	58.8	61.7	62.1	63.1	63.2	63.5	63.9	64.3	64.8	64.9	65.1
≥ 1600	25.9	51.0	55.8	59.0	61.9	62.3	63.3	63.4	63.7	64.1	64.6	65.0	65.2	65.3
≥ 1400	26.5	52.6	57.7	60.8	63.8	64.3	65.3	65.4	65.7	66.1	66.6	67.0	67.2	67.3
≥ 1200	27.7	55.6	61.1	64.3	67.4	67.9	69.0	69.2	69.5	69.9	70.4	70.9	71.1	71.2
≥ 1000	28.9	58.6	64.4	68.0	71.3	71.8	73.0	73.2	73.4	73.9	74.3	74.9	75.0	75.3
≥ 900	29.1	59.2	65.0	68.6	71.9	72.4	73.6	73.7	74.0	74.5	74.9	75.5	75.6	75.9
≥ 800	29.4	60.3	66.3	69.9	73.3	73.8	75.0	75.2	75.5	75.9	76.4	77.0	77.1	77.3
≥ 700	29.6	61.1	67.1	70.8	74.1	74.6	75.9	76.1	76.4	76.8	77.3	77.9	78.0	78.2
≥ 600	29.7	61.3	67.3	71.0	74.3	74.9	76.1	76.3	76.6	77.0	77.5	78.1	78.2	78.5
≥ 500	30.0	61.8	67.9	71.6	75.0	75.5	76.7	77.0	77.2	77.7	78.1	78.7	78.8	79.1
≥ 450	30.1	61.9	68.2	71.9	75.3	75.8	77.1	77.3	77.6	78.1	78.5	79.1	79.2	79.5
≥ 400	30.2	62.2	68.5	72.2	75.6	76.1	77.4	77.6	77.9	78.4	78.8	79.4	79.6	79.8
≥ 350	30.2	62.4	68.8	72.6	76.0	76.5	77.8	78.0	78.3	78.8	79.2	79.8	79.9	80.2
≥ 300	30.4	62.8	69.3	73.1	76.6	77.1	78.4	78.6	78.9	79.4	79.9	80.5	80.6	80.8
≥ 250	30.5	63.2	69.9	73.7	77.2	77.7	78.9	79.1	79.4	79.9	80.4	81.0	81.1	81.4
≥ 200	30.6	63.5	70.2	74.1	77.7	78.2	79.4	79.6	79.9	80.5	80.9	81.5	81.7	82.0
≥ 1800	30.7	63.7	70.5	74.4	77.9	78.5	79.7	79.9	80.2	80.7	81.2	81.8	81.9	82.2
≥ 1500	30.8	64.2	71.1	75.0	78.8	79.3	80.6	80.8	81.1	81.7	82.2	82.7	82.9	83.2
≥ 1200	31.0	65.0	72.0	75.9	79.6	80.2	81.6	81.8	82.1	82.6	83.2	83.8	83.9	84.2
≥ 1000	31.2	65.8	72.9	76.9	80.6	81.2	82.6	82.9	83.2	83.8	84.4	85.0	85.1	85.4
≥ 900	31.3	66.1	73.2	77.3	81.1	81.7	83.1	83.4	83.7	84.4	84.9	85.5	85.6	85.9
≥ 800	31.6	67.0	74.3	78.5	82.5	83.1	84.6	84.8	85.1	85.8	86.4	87.0	87.1	87.4
≥ 700	31.6	67.7	75.2	79.3	83.3	83.9	85.4	85.6	85.9	86.7	87.2	87.8	87.9	88.2
≥ 600	31.7	68.4	76.2	80.5	84.6	85.2	86.7	87.0	87.3	88.0	88.5	89.1	89.3	89.6
≥ 500	31.8	69.0	77.1	81.7	86.0	86.6	88.2	88.5	88.8	89.6	90.1	90.8	90.9	91.2
≥ 400	31.8	69.3	78.1	83.0	87.4	88.2	90.0	90.5	90.9	91.7	92.4	93.1	93.2	93.6
≥ 300	31.8	69.4	78.3	83.5	88.2	89.1	91.2	91.8	92.3	93.5	94.4	95.2	95.3	95.6
≥ 200	31.8	69.6	78.5	83.8	88.6	89.6	91.9	92.7	93.2	94.7	95.9	97.0	97.1	97.8
≥ 100	31.8	69.6	78.5	83.8	88.6	89.6	92.0	92.7	93.3	95.0	96.5	97.8	98.0	99.0
≥ 0	31.8	69.6	78.5	83.8	88.6	89.6	92.0	92.7	93.3	95.0	96.5	97.8	98.0	99.1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13857 STATION

MONDY AFB GEORGIA/VALDOSTA

42-45,51-75

YEARS

JUL
MONTH

0900-1100
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	36.5	48.8	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 20000	42.8	57.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 18000	43.0	57.8	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 16000	43.3	58.2	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 14000	44.9	60.5	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	47.2	63.9	65.2	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 10000	49.6	67.5	68.8	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 9000	50.2	68.4	69.8	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000	50.6	69.5	70.9	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	50.8	70.0	71.5	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 6000	50.9	70.3	71.7	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 5000	51.1	70.8	72.3	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 4500	51.1	70.9	72.4	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000	51.5	71.6	73.1	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3500	52.8	73.2	74.7	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3000	54.5	75.2	76.9	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 2500	57.1	78.7	80.4	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2000	60.1	82.7	84.6	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	61.2	84.4	86.2	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1500	62.7	87.2	89.1	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	64.4	90.3	92.2	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	65.0	92.3	94.2	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 900	65.3	92.9	95.0	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	65.3	93.2	95.4	96.5	96.7	96.8	96.8	96.9	96.9	96.9	96.9
≥ 700	65.5	94.0	96.2	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	65.7	94.5	96.6	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	65.8	95.0	97.5	98.8	99.1	99.2	99.3	99.4	99.4	99.4	99.4
≥ 400	65.8	95.1	97.6	99.0	99.3	99.4	99.6	99.7	99.7	99.7	99.7
≥ 300	65.8	95.1	97.6	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.8
≥ 200	65.8	95.1	97.7	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.8
≥ 100	65.8	95.1	97.7	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.8
≥ 0	65.8	95.1	97.7	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2481

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-45, 51-75

STATION NAME

YEAR

JUL
MONTH

1200-1400
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½
NO CEILING	33.0	40.0	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 20000	44.7	53.8	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	44.9	54.0	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 16000	45.0	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 14000	46.9	56.7	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 12000	49.2	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 10000	51.9	64.0	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 9000	52.4	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 8000	52.8	66.0	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 7000	52.9	66.2	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 6000	53.2	66.7	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 5070	53.8	67.5	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 4500	54.2	68.0	68.4	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4000	56.6	71.0	71.4	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 3500	61.5	76.7	77.2	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3000	67.8	84.7	85.3	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2500	71.9	90.2	90.9	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000	74.1	93.7	94.8	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 1800	74.5	94.3	95.4	95.9	96.3	96.3	96.3	96.3	96.4	96.4	96.4
≥ 1500	75.2	95.9	97.0	97.6	97.9	97.9	98.0	98.0	98.1	98.2	98.2
≥ 1200	75.4	96.3	97.4	98.0	98.3	98.5	98.6	98.6	98.6	98.7	98.8
≥ 1000	75.5	96.7	97.8	98.4	98.7	98.7	98.9	99.0	99.1	99.1	99.2
≥ 900	75.5	96.7	97.9	98.4	98.8	98.8	98.9	99.1	99.1	99.2	99.3
≥ 800	75.5	96.9	98.0	98.6	99.0	99.0	99.2	99.3	99.4	99.4	99.6
≥ 700	75.5	96.9	98.0	98.6	99.0	99.0	99.2	99.3	99.4	99.5	99.6
≥ 600	75.5	96.9	98.1	98.7	99.1	99.1	99.3	99.4	99.6	99.6	99.8
≥ 500	75.5	96.9	98.1	98.7	99.1	99.1	99.4	99.5	99.6	99.8	99.9
≥ 400	75.5	96.9	98.1	98.7	99.1	99.1	99.4	99.5	99.6	99.8	100.0
≥ 300	75.5	96.9	98.1	98.7	99.1	99.1	99.4	99.5	99.6	99.8	100.0
≥ 200	75.5	96.9	98.1	98.7	99.1	99.1	99.4	99.5	99.6	99.8	100.0
≥ 100	75.5	96.9	98.1	98.7	99.1	99.1	99.4	99.5	99.6	99.8	100.0
≥ 0	75.5	96.9	98.1	98.7	99.1	99.1	99.4	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2542

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

42-45,51-75

YEARS

JUL

MONTH

1500-1700
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 0
NO CEILING	29.5	35.2	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 2000	45.5	54.1	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 1800	45.5	54.3	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 1600	45.8	54.7	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 1400	47.9	57.6	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 1200	50.4	61.3	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 1000	53.4	66.3	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 900	54.2	67.9	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 800	55.9	70.6	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 700	56.5	71.5	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 600	56.9	72.0	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 500	57.8	73.4	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 450	58.6	74.4	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 400	61.2	77.8	78.2	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3500	64.0	81.8	82.5	82.8	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2
≥ 3000	68.1	88.3	89.1	89.6	89.9	89.9	90.0	90.1	90.1	90.2	90.2	90.2
≥ 2500	70.1	91.8	93.1	93.8	94.1	94.1	94.3	94.4	94.4	94.5	94.5	94.5
≥ 2000	71.1	93.5	94.8	95.7	96.2	96.2	96.4	96.4	96.4	96.6	96.7	96.7
≥ 1800	71.1	93.6	95.0	95.8	96.3	96.3	96.5	96.6	96.6	96.7	96.8	96.8
≥ 1500	71.6	94.5	96.0	96.8	97.3	97.3	97.5	97.7	97.7	97.9	97.9	97.9
≥ 1200	71.8	94.8	96.2	97.1	97.7	97.7	97.9	98.0	98.0	98.3	98.3	98.4
≥ 1000	71.8	95.0	96.5	97.4	98.0	98.0	98.2	98.4	98.4	98.6	98.7	98.7
≥ 900	71.9	95.1	96.6	97.4	98.1	98.1	98.3	98.4	98.4	98.7	98.7	98.8
≥ 800	72.1	95.3	96.9	97.8	98.5	98.5	98.8	99.0	99.0	99.3	99.4	99.5
≥ 700	72.1	95.4	96.9	97.8	98.5	98.5	98.9	99.0	99.0	99.4	99.5	99.6
≥ 600	72.1	95.4	97.0	97.9	98.6	98.6	99.0	99.1	99.1	99.5	99.6	99.7
≥ 500	72.1	95.4	97.0	97.9	98.6	98.6	99.1	99.2	99.2	99.7	99.8	99.9
≥ 400	72.1	95.4	97.0	97.9	98.6	98.6	99.1	99.2	99.2	99.7	99.8	99.9
≥ 300	72.1	95.4	97.0	97.9	98.6	98.6	99.1	99.2	99.2	99.7	99.8	99.9
≥ 200	72.1	95.4	97.0	97.9	98.6	98.6	99.1	99.2	99.2	99.7	99.8	99.9
≥ 100	72.1	95.4	97.0	97.9	98.6	98.6	99.1	99.2	99.2	99.7	99.8	99.9
≥ 0	72.1	95.4	97.0	97.9	98.6	98.6	99.1	99.2	99.2	99.7	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS

2478

FORM
JUL 64

USAF ETAC

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

YEARS

1800-2000
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.9	33.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 20000	45.4	56.3	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 18000	45.6	56.5	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 16000	46.0	57.0	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 14000	47.5	59.3	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 12000	51.1	64.1	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 10000	56.3	72.4	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 9000	57.2	74.2	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 8000	59.1	77.0	77.8	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 7000	59.9	78.6	79.4	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	60.7	79.7	80.6	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 5000	51.6	81.0	81.8	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4500	61.9	81.5	82.3	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	63.2	83.4	84.6	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3500	64.1	85.4	86.6	87.0	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3000	66.4	89.4	91.1	91.7	92.2	92.2	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	67.2	91.7	93.3	94.0	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	67.4	92.6	94.4	95.1	95.9	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	67.4	92.9	94.8	95.6	96.3	96.3	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	67.7	93.6	95.5	96.3	97.1	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7
≥ 1200	67.7	93.7	95.6	96.5	97.3	97.3	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	67.9	94.1	96.0	96.8	97.7	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.5	98.6	98.6
≥ 900	68.0	94.2	96.1	96.9	97.8	97.8	98.2	98.3	98.3	98.4	98.4	98.4	98.6	98.7	98.7
≥ 800	68.0	94.2	96.2	97.1	98.1	98.2	98.6	98.8	98.8	98.9	98.9	98.9	99.2	99.2	99.2
≥ 700	68.1	94.3	96.3	97.2	98.2	98.3	98.7	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3
≥ 600	68.1	94.4	96.4	97.3	98.3	98.4	98.9	99.0	99.0	99.1	99.1	99.1	99.4	99.4	99.4
≥ 500	68.1	94.5	96.5	97.4	98.5	98.6	99.0	99.2	99.2	99.3	99.3	99.3	99.7	99.7	99.8
≥ 400	68.1	94.5	96.5	97.5	98.6	98.6	99.1	99.3	99.3	99.4	99.4	99.4	99.8	99.8	99.9
≥ 300	68.1	94.5	96.6	97.6	98.7	98.7	99.2	99.4	99.4	99.5	99.5	99.5	99.9	100.0	100.0
≥ 200	68.1	94.5	96.6	97.6	98.7	98.7	99.2	99.4	99.4	99.5	99.5	99.5	99.9	100.0	100.0
≥ 100	68.1	94.5	96.6	97.6	98.7	98.7	99.2	99.4	99.4	99.5	99.5	99.5	99.9	100.0	100.0
≥ 0	68.1	94.5	96.6	97.6	98.7	98.7	99.2	99.4	99.4	99.5	99.5	99.5	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2180

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOOSTA

42-45,51-75

STATION NAME

YEARS

JUL

MONTH

2100-2300
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½
NO CEILING	41.2	54.8	55.7	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0
≥ 20000	50.5	67.7	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2
≥ 18000	50.6	68.1	69.2	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5
≥ 16000	50.7	68.2	69.3	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6
≥ 14000	52.0	70.0	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 12000	55.0	74.8	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 10000	58.1	81.4	82.8	82.9	83.1	83.2	83.3	83.3	83.3	83.3	83.3
≥ 9000	58.8	82.4	83.8	84.0	84.2	84.2	84.4	84.4	84.4	84.4	84.4
≥ 8000	59.7	84.3	85.9	86.1	86.3	86.4	86.6	86.6	86.6	86.6	86.6
≥ 7000	60.6	85.8	87.5	87.6	87.9	87.9	88.1	88.1	88.1	88.1	88.1
≥ 6000	61.2	86.6	88.4	88.6	88.8	88.9	89.0	89.0	89.0	89.0	89.0
≥ 5000	61.5	87.3	89.2	89.3	89.5	89.6	89.8	89.8	89.8	89.8	89.8
≥ 4500	61.6	87.5	89.4	89.5	89.8	89.8	90.0	90.0	90.0	90.0	90.0
≥ 4000	62.4	89.2	91.1	91.4	91.6	91.7	91.9	91.9	91.9	91.9	91.9
≥ 3500	62.9	90.1	92.1	92.4	92.7	92.8	93.0	93.0	93.0	93.0	93.0
≥ 3000	63.8	91.9	94.1	94.7	95.0	95.1	95.3	95.3	95.3	95.3	95.3
≥ 2500	64.1	92.3	94.6	95.3	95.6	95.6	95.9	95.9	95.9	95.9	95.9
≥ 2000	64.1	92.8	95.2	95.9	96.2	96.3	96.5	96.5	96.5	96.5	96.5
≥ 1800	64.1	93.0	95.4	96.2	96.4	96.5	96.7	96.7	96.7	96.7	96.7
≥ 1500	64.2	93.3	95.6	96.6	96.9	97.0	97.2	97.2	97.2	97.2	97.2
≥ 1200	64.5	93.6	96.0	97.0	97.4	97.5	97.7	97.7	97.7	97.7	97.7
≥ 1000	64.6	93.8	96.2	97.2	97.6	97.7	97.9	98.0	98.0	98.0	98.0
≥ 900	64.6	94.0	96.4	97.5	98.0	98.0	98.2	98.4	98.4	98.4	98.4
≥ 800	64.6	94.3	96.8	97.9	98.4	98.4	98.6	98.8	98.8	98.8	98.8
≥ 700	64.7	94.4	96.9	98.0	98.5	98.5	98.8	98.9	98.9	98.9	98.9
≥ 600	64.7	94.6	97.1	98.1	98.6	98.7	98.9	99.0	99.0	99.0	99.0
≥ 500	64.7	94.6	97.2	98.2	98.8	98.8	99.0	99.2	99.2	99.2	99.2
≥ 400	64.7	94.6	97.2	98.3	98.8	98.9	99.1	99.2	99.2	99.2	99.2
≥ 300	64.7	94.7	97.2	98.4	98.9	99.0	99.2	99.3	99.3	99.3	99.3
≥ 200	64.7	94.8	97.5	98.6	99.2	99.3	99.5	99.6	99.7	99.7	99.7
≥ 100	64.7	94.8	97.5	98.8	99.4	99.4	99.7	99.8	99.9	99.9	99.9
≥ 0	64.7	94.8	97.5	98.8	99.4	99.4	99.7	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1770

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-45,51-60,63,66,69,73-75

AUG

0000-0200
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	43.8	68.8	70.8	71.1	71.3	71.3	71.7	71.7	71.7	71.8	71.8	71.8
≥ 20000	50.5	77.6	79.7	80.1	80.3	80.3	80.8	80.8	80.8	80.8	80.8	80.9
≥ 18000	50.5	77.6	79.7	80.1	80.3	80.3	80.8	80.8	80.8	80.8	80.8	80.9
≥ 16000	50.5	77.7	79.8	80.2	80.3	80.3	80.8	80.8	80.8	80.9	80.9	81.0
≥ 14000	51.2	78.9	81.1	81.5	81.8	81.8	82.3	82.3	82.3	82.3	82.3	82.4
≥ 12000	52.2	81.0	83.2	83.7	84.0	84.0	84.5	84.5	84.5	84.6	84.6	84.7
≥ 10000	53.3	83.2	85.5	86.2	86.5	86.5	87.0	87.0	87.0	87.2	87.2	87.2
≥ 9000	53.5	83.6	85.9	86.7	86.9	86.9	87.4	87.4	87.4	87.6	87.6	87.7
≥ 8000	54.2	84.7	87.1	87.8	88.1	88.1	88.6	88.6	88.6	88.7	88.7	88.8
≥ 7000	54.5	85.2	87.7	88.4	88.6	88.6	89.1	89.1	89.1	89.3	89.3	89.4
≥ 6000	54.6	85.4	87.9	88.6	88.9	88.9	89.4	89.4	89.4	89.5	89.5	89.6
≥ 5000	55.3	86.6	89.1	89.8	90.1	90.1	90.6	90.6	90.6	90.7	90.7	90.8
≥ 4500	55.4	87.0	89.5	90.2	90.5	90.5	91.0	91.0	91.0	91.1	91.1	91.2
≥ 4000	55.4	87.3	89.8	90.5	90.8	90.8	91.3	91.3	91.3	91.4	91.4	91.5
≥ 3500	55.4	87.9	90.3	91.1	91.3	91.3	91.8	91.8	91.8	92.0	92.0	92.1
≥ 3000	55.6	88.5	91.0	91.7	92.0	92.0	92.5	92.5	92.5	92.6	92.6	92.7
≥ 2500	55.6	88.9	91.3	92.1	92.4	92.4	92.9	92.9	92.9	93.0	93.0	93.1
≥ 2000	55.8	89.3	91.8	92.6	93.0	93.0	93.5	93.5	93.5	93.6	93.6	93.7
≥ 1800	55.8	89.3	91.8	92.6	93.0	93.0	93.5	93.5	93.5	93.6	93.6	93.7
≥ 1500	55.9	89.6	92.1	93.0	93.3	93.3	93.8	93.8	93.8	94.0	94.0	94.1
≥ 1200	55.9	90.2	92.7	93.5	93.9	93.9	94.4	94.4	94.4	94.5	94.5	94.6
≥ 1000	55.9	90.3	92.8	93.8	94.1	94.1	94.6	94.6	94.6	94.8	94.8	94.9
≥ 900	55.9	90.3	92.8	93.8	94.1	94.1	94.6	94.6	94.6	94.8	94.8	94.9
≥ 800	55.9	90.3	92.9	93.8	94.2	94.2	94.7	94.7	94.7	95.0	95.0	95.1
≥ 700	55.9	90.3	93.1	94.0	94.4	94.4	95.0	95.0	95.0	95.2	95.2	95.3
≥ 600	55.9	90.4	93.3	94.2	94.5	94.5	95.1	95.1	95.1	95.3	95.3	95.4
≥ 500	55.9	90.7	93.6	94.6	95.0	95.0	95.5	95.5	95.5	95.7	95.7	95.8
≥ 400	55.9	91.2	94.2	95.2	95.7	95.7	96.4	96.4	96.4	96.6	96.6	96.7
≥ 300	55.9	91.7	94.8	95.8	96.5	96.5	97.1	97.1	97.1	97.3	97.3	97.4
≥ 200	56.1	92.1	95.4	96.6	97.3	97.3	98.2	98.3	98.3	98.6	98.7	98.9
≥ 100	56.1	92.2	95.5	96.8	97.9	97.9	98.9	98.9	98.9	99.4	99.4	99.8
≥ 0	56.1	92.2	95.5	96.8	97.9	97.9	98.9	98.9	98.9	99.4	99.4	99.8

TOTAL NUMBER OF OBSERVATIONS 1409

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOSTA

42-45,51-70,72-75

AUG

STATION NAME

YEARS

MONTH

0300-0500

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	30.6	60.4	64.7	66.6	68.9	68.9	69.3	69.8	70.0	70.6	70.7	70.8
≥ 20000	32.9	64.5	69.2	71.3	73.8	73.8	74.3	74.8	75.0	75.6	75.6	75.8
≥ 18000	32.9	64.5	69.2	71.3	73.8	73.8	74.3	74.8	75.0	75.6	75.6	75.8
≥ 16000	33.0	64.6	69.3	71.4	73.9	73.9	74.4	74.9	75.1	75.7	75.7	75.9
≥ 14000	33.1	64.9	69.7	71.9	74.4	74.4	74.9	75.4	75.6	76.2	76.2	76.4
≥ 12000	34.2	66.8	71.8	73.9	76.4	76.4	76.9	77.4	77.6	78.2	78.3	78.5
≥ 10000	35.2	68.9	74.1	76.3	79.0	79.0	79.5	80.0	80.2	80.8	80.9	81.1
≥ 9000	35.2	69.1	74.3	76.6	79.3	79.3	79.8	80.3	80.5	81.1	81.1	81.3
≥ 8000	36.1	70.5	75.8	78.0	80.7	80.7	81.2	81.7	81.9	82.5	82.6	82.8
≥ 7000	36.2	70.8	76.1	78.4	81.1	81.1	81.6	82.1	82.3	82.9	82.9	83.1
≥ 6000	36.2	71.2	76.5	78.8	81.4	81.4	81.9	82.4	82.6	83.2	83.3	83.5
≥ 5000	36.3	71.5	76.8	79.1	81.7	81.7	82.2	82.7	82.9	83.5	83.6	83.8
≥ 4500	36.3	71.6	76.9	79.2	81.8	81.8	82.4	82.9	83.1	83.7	83.7	83.9
≥ 4000	36.4	71.8	77.1	79.4	82.0	82.0	82.6	83.1	83.3	83.9	83.9	84.1
≥ 3500	36.4	71.9	77.2	79.5	82.1	82.1	82.7	83.2	83.4	84.0	84.0	84.2
≥ 3000	36.7	72.5	77.7	80.0	82.7	82.7	83.2	83.7	83.9	84.5	84.6	84.8
≥ 2500	36.8	72.9	78.2	80.5	83.2	83.2	83.7	84.2	84.4	85.0	85.1	85.3
≥ 2000	36.8	73.1	78.5	80.8	83.5	83.5	84.0	84.5	84.7	85.4	85.5	85.7
≥ 1800	36.9	73.2	78.6	80.9	83.5	83.5	84.1	84.6	84.8	85.5	85.5	85.8
≥ 1500	37.0	73.4	78.8	81.1	83.7	83.7	84.4	84.9	85.1	85.8	85.9	86.1
≥ 1200	37.0	73.6	79.1	81.4	84.0	84.0	84.7	85.2	85.4	86.2	86.2	86.4
≥ 1000	37.1	73.8	79.5	81.8	84.5	84.5	85.2	85.7	85.9	86.7	86.7	86.9
≥ 900	37.1	73.9	79.7	82.0	84.7	84.7	85.4	85.9	86.1	86.9	86.9	87.1
≥ 800	37.2	74.3	80.1	82.4	85.1	85.1	85.9	86.4	86.6	87.3	87.4	87.6
≥ 700	37.3	74.7	80.5	82.8	85.6	85.6	86.4	86.9	87.1	87.8	87.9	88.1
≥ 600	37.4	75.0	80.8	83.2	86.1	86.1	86.9	87.4	87.6	88.4	88.4	88.6
≥ 500	37.5	75.6	81.6	84.1	87.1	87.1	88.0	88.5	88.7	89.5	89.5	89.7
≥ 400	37.5	75.9	81.9	84.6	87.8	87.8	88.7	89.2	89.4	90.2	90.3	90.5
≥ 300	37.5	76.4	82.6	85.4	88.7	88.8	89.9	90.5	90.7	91.6	91.8	92.1
≥ 200	37.7	76.8	83.5	86.7	90.3	90.4	91.9	92.8	93.0	94.2	94.8	95.9
≥ 100	37.8	77.0	83.7	86.9	90.6	90.7	92.3	93.3	93.5	95.0	95.7	97.0
≥ 0	37.8	77.0	83.7	86.9	90.6	90.7	92.3	93.3	93.5	95.0	95.7	97.2

TOTAL NUMBER OF OBSERVATIONS

1986

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45, 51-70, 72-75
YEARS

AUG
MONTH

0600-0800
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.3	40.2	45.7	49.0	53.0	53.7	55.5	56.3	56.5	57.1	57.5	58.0	58.1	58.6	59.1
≥ 2000	19.3	44.9	50.9	54.7	59.1	59.8	61.9	62.9	63.1	63.7	64.3	64.8	64.9	65.4	66.0
≥ 1800	19.3	44.9	50.9	54.7	59.2	59.8	62.0	63.0	63.2	63.8	64.4	64.9	65.0	65.5	66.1
≥ 1600	19.6	45.3	51.4	55.1	59.6	60.3	62.4	63.4	63.6	64.2	64.8	65.3	65.4	65.9	66.5
≥ 1400	20.3	46.6	52.8	56.6	61.2	61.8	64.0	65.0	65.2	65.9	66.4	67.0	67.1	67.7	68.2
≥ 1200	21.1	49.3	55.8	59.7	64.4	65.1	67.3	68.4	68.7	69.3	69.9	70.5	70.5	71.2	71.7
≥ 1000	21.8	51.6	58.3	62.5	67.4	68.2	70.5	71.6	71.8	72.6	73.2	73.9	74.0	74.7	75.2
≥ 900	21.9	51.9	58.5	62.8	67.6	68.4	70.7	71.8	72.1	72.9	73.5	74.1	74.3	74.9	75.5
≥ 800	22.4	53.1	59.8	64.1	68.9	69.8	72.2	73.4	73.6	74.4	75.0	75.7	75.8	76.5	77.1
≥ 700	22.5	53.5	60.2	64.6	69.5	70.4	72.8	73.9	74.2	75.0	75.6	76.3	76.4	77.0	77.6
≥ 600	22.7	53.9	60.6	65.0	69.9	70.8	73.2	74.4	74.7	75.5	76.1	76.8	76.9	77.5	78.1
≥ 500	22.9	54.3	61.1	65.5	70.4	71.3	73.7	74.9	75.2	76.0	76.6	77.3	77.4	78.1	78.7
≥ 450	22.9	54.4	61.2	65.7	70.6	71.4	73.9	75.0	75.3	76.1	76.8	77.4	77.6	78.2	78.8
≥ 400	23.0	54.7	61.5	66.0	70.9	71.8	74.2	75.4	75.6	76.4	77.1	77.8	77.9	78.5	79.1
≥ 350	23.0	54.8	61.6	66.1	71.0	71.9	74.3	75.5	75.7	76.5	77.2	77.9	78.0	78.7	79.2
≥ 300	23.1	55.2	62.1	66.7	71.7	72.5	74.9	76.2	76.4	77.2	77.9	78.6	78.7	79.3	79.9
≥ 250	23.2	55.3	62.3	66.9	72.0	72.8	75.3	76.5	76.8	77.6	78.2	78.9	79.0	79.7	80.3
≥ 200	23.3	55.8	62.8	67.4	72.5	73.3	75.8	77.0	77.3	78.1	78.7	79.4	79.5	80.2	80.8
≥ 1800	23.3	55.8	62.8	67.5	72.5	73.4	75.9	77.1	77.4	78.2	78.8	79.5	79.6	80.3	80.9
≥ 1500	23.4	56.0	63.1	67.8	72.8	73.7	76.2	77.4	77.6	78.4	79.1	79.2	79.8	80.6	81.1
≥ 1200	23.5	56.3	63.5	68.2	73.3	74.1	76.7	77.9	78.2	79.0	79.7	80.3	80.5	81.1	81.7
≥ 1000	23.7	56.9	64.3	69.1	74.1	75.0	77.6	78.9	79.2	80.0	80.7	81.4	81.5	82.1	82.7
≥ 900	23.7	57.1	64.6	69.4	74.5	75.4	78.0	79.2	79.5	80.3	81.1	81.7	81.9	82.5	83.1
≥ 800	23.7	57.7	65.3	70.2	75.4	76.3	79.0	80.2	80.5	81.3	82.0	82.7	82.8	83.5	84.1
≥ 700	23.7	58.0	65.7	70.7	75.8	76.8	79.5	80.8	81.1	81.9	82.6	83.3	83.4	84.1	84.6
≥ 600	23.8	58.8	66.8	72.0	77.3	78.2	81.1	82.4	82.7	83.6	84.3	84.9	85.1	85.7	86.3
≥ 500	23.8	59.3	67.6	73.1	78.7	79.8	82.7	84.3	84.7	85.7	86.5	87.2	87.3	88.0	88.6
≥ 400	23.9	59.8	68.3	74.1	79.9	81.0	84.1	85.9	86.3	87.4	88.3	89.0	89.2	89.9	90.6
≥ 300	23.9	60.1	68.7	74.6	80.6	81.9	85.4	87.3	87.8	89.4	90.6	91.5	91.7	92.5	93.3
≥ 200	23.9	60.1	68.7	74.7	80.8	82.1	86.0	88.0	88.6	90.7	92.2	93.8	94.3	95.9	97.0
≥ 100	23.9	60.1	68.7	74.7	80.8	82.1	86.0	88.1	88.7	90.8	92.4	94.4	95.3	97.3	98.9
≥ 0	23.9	60.1	68.7	74.7	80.8	82.1	86.0	88.1	88.7	90.8	92.4	94.4	95.4	97.5	100.0

2371

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOOSTA

42-45, 51-70, 72-75 YEARS

AUG MONTH

0900-1100 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16
NO CEILING	36.0	53.9	54.4	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8
≥ 20000	40.7	61.1	61.7	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 18000	40.9	61.4	62.0	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5
≥ 16000	41.4	61.9	62.5	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 14000	42.6	63.5	64.1	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7
≥ 12000	43.9	66.2	66.9	67.3	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.6
≥ 10000	45.6	70.3	71.3	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0
≥ 9000	46.0	70.9	71.9	72.3	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6
≥ 8000	46.2	71.6	72.6	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3
≥ 7000	46.4	72.0	73.0	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7
≥ 6000	46.6	72.3	73.3	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1
≥ 5000	46.6	72.6	73.6	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4500	46.7	72.7	73.7	74.2	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.5
≥ 4000	47.0	73.1	74.1	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8
≥ 3500	47.8	74.0	75.0	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8
≥ 3000	48.9	75.7	76.7	77.2	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5
≥ 2500	50.7	78.0	79.0	79.6	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9
≥ 2000	52.6	80.7	81.7	82.3	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.7
≥ 1800	53.1	81.7	82.8	83.4	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7
≥ 1500	54.6	84.5	85.8	86.4	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8
≥ 1200	55.6	86.8	88.2	88.9	89.1	89.1	89.2	89.3	89.3	89.3	89.3	89.3
≥ 1000	56.5	89.3	91.0	91.8	92.1	92.2	92.2	92.4	92.4	92.4	92.4	92.4
≥ 900	56.7	90.0	91.8	92.6	93.0	93.1	93.1	93.3	93.3	93.4	93.4	93.4
≥ 800	56.9	91.2	93.2	94.2	94.7	94.7	94.8	95.0	95.0	95.1	95.1	95.1
≥ 700	57.2	91.8	94.0	95.1	95.6	95.6	95.7	95.9	95.9	96.0	96.0	96.0
≥ 600	57.3	92.4	94.8	96.1	96.9	96.9	97.1	97.4	97.5	97.6	97.6	97.6
≥ 500	57.3	92.8	95.5	97.1	98.0	98.1	98.3	98.6	98.6	98.8	98.8	98.8
≥ 400	57.3	92.9	95.8	97.4	98.4	98.6	98.8	99.1	99.2	99.3	99.3	99.3
≥ 300	57.4	93.0	96.0	97.6	98.7	99.0	99.2	99.5	99.7	99.8	99.9	99.9
≥ 200	57.4	93.0	96.0	97.7	98.8	99.0	99.3	99.6	99.8	99.9	100.0	100.0
≥ 100	57.4	93.0	96.0	97.7	98.8	99.0	99.3	99.6	99.8	99.9	100.0	100.0
≥ 0	57.4	93.0	96.0	97.7	98.8	99.0	99.3	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2487

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOSTA

42-45,51-70,72-75

AUG
MONTH

1200-1400
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	36.1	46.0	46.4	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 20000	45.0	58.1	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 18000	45.1	58.3	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 16000	45.5	58.7	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 14000	46.1	59.8	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	47.9	62.6	63.2	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 10000	50.3	66.5	67.2	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 9000	50.8	67.2	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000	51.3	68.3	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 7000	51.5	68.8	69.5	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	51.7	69.0	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 5000	52.1	69.5	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 4500	52.5	69.9	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4000	54.6	72.7	73.5	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3500	57.7	76.1	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000	62.8	83.0	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	67.0	88.3	89.1	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2000	69.3	92.5	93.5	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800	69.6	93.0	94.0	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	70.4	94.4	95.7	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	70.7	95.3	96.6	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	70.9	96.0	97.4	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	71.0	96.1	97.6	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	71.0	96.2	97.8	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	71.2	96.4	97.9	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	71.2	96.5	98.0	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	71.2	96.5	98.1	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	71.2	96.5	98.2	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	71.2	96.5	98.2	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	71.2	96.5	98.2	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	71.2	96.5	98.2	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	71.2	96.5	98.2	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

2549

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC
FORM
JUL 64

0-14-5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MUDDY AFB GEORGIA/VALDOSTA

42-45, 51-70, 72-75 YEARS

AUG MONTH

1500-1700 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	35.2	41.4	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 20000	48.7	59.2	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000	48.7	59.3	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 16000	48.9	59.5	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 14000	49.7	60.7	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 12000	52.1	64.3	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 10000	55.0	69.6	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 9000	55.4	70.4	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 8000	56.3	72.3	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 7000	56.7	73.0	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 6000	57.2	73.6	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 5000	57.9	74.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500	58.3	75.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	60.4	78.2	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	62.2	80.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3000	65.7	86.6	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2500	68.0	90.4	92.0	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	69.0	92.8	94.7	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	69.2	93.2	95.1	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	69.3	93.8	95.8	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	69.3	94.0	96.1	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	69.5	94.6	96.8	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	69.5	94.7	96.9	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	69.5	94.8	97.1	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	69.5	94.9	97.1	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	69.5	94.9	97.1	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	69.5	94.9	97.2	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	69.5	94.9	97.2	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	69.5	94.9	97.2	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	69.5	94.9	97.2	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	69.5	94.9	97.2	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	69.5	94.9	97.2	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

2487

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45,51-75
YEARS

AUG
MONTH

1800-2000
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	33.6	39.6	40.2	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 2000	51.4	62.3	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 1800	51.7	62.7	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 1600	51.9	63.0	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 1400	53.3	64.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 1200	55.8	69.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1000	59.8	77.2	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 900	60.2	78.1	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 800	61.0	79.8	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 700	61.5	80.9	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 600	62.1	81.8	83.4	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 500	63.1	83.0	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4500	63.2	83.3	85.1	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000	64.1	85.2	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3500	65.3	87.5	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	66.6	90.0	92.2	92.6	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	67.5	92.4	94.8	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	68.0	93.4	96.1	96.6	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	68.2	93.7	96.4	96.9	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	68.4	94.2	97.0	97.6	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	68.4	94.3	97.1	97.7	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	68.5	94.3	97.3	97.9	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	68.5	94.4	97.4	98.0	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	68.5	94.6	97.6	98.3	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 700	68.6	94.7	97.7	98.4	98.9	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 600	68.6	94.7	97.7	98.4	98.9	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 500	68.6	94.7	97.7	98.4	99.0	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.5
≥ 400	68.6	94.8	97.8	98.5	99.1	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	68.6	94.8	97.8	98.5	99.1	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 200	68.6	94.8	97.8	98.5	99.1	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 100	68.6	94.8	97.8	98.5	99.1	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 0	68.6	94.8	97.8	98.5	99.1	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6

2192

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-45,51-75

STATION NAME

YEARS

AUG MONTH

2100-2300
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	43.2	57.1	57.9	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	54.1	72.0	73.2	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	54.2	72.1	73.3	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 16000	54.4	72.4	73.7	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	55.1	74.1	75.4	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 12000	57.1	78.4	79.8	79.9	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
≥ 10000	59.9	84.3	85.9	86.1	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5
≥ 9000	60.5	85.1	86.7	86.9	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3
≥ 8000	61.4	86.4	88.0	88.3	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
≥ 7000	61.8	86.8	88.4	88.7	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 6000	62.3	87.3	89.1	89.4	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8
≥ 5000	63.1	88.6	90.3	90.6	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4500	63.3	89.1	90.8	91.1	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4000	64.0	90.2	91.9	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3500	64.6	91.5	93.2	93.7	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	64.7	92.6	94.5	95.0	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	65.2	93.6	95.5	96.0	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2000	65.4	94.3	96.2	96.9	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	65.4	94.4	96.3	97.1	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	65.4	94.7	96.6	97.4	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	65.4	95.0	97.0	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	65.4	95.0	97.0	97.7	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	65.5	95.0	97.0	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	65.5	95.1	97.1	97.8	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	65.6	95.1	97.2	97.9	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	65.7	95.2	97.3	98.1	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	65.7	95.5	97.5	98.3	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	65.7	95.5	97.6	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	65.7	95.5	97.7	98.5	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	65.8	95.8	97.9	98.7	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 100	65.8	95.8	97.9	98.9	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0
0	65.8	95.8	97.9	98.9	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0

1747

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MOODY AFB GEORGIA/VALDDSTA
STATION NAME

42-45, 51-61, 63, 70, 72-75
YEARS

SEP
MONTH

0000-0200
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	40.1	63.0	64.0	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7
≥ 20000	41.8	66.9	68.2	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.9
≥ 18000	41.8	66.9	68.2	68.6	68.6	68.6	68.8	68.8	68.8	68.9	68.9
≥ 16000	41.8	66.9	68.2	68.7	68.7	68.7	68.9	68.9	68.9	69.0	69.0
≥ 14000	42.5	68.6	69.9	70.4	70.4	70.4	70.6	70.6	70.6	70.7	70.7
≥ 12000	43.7	71.2	72.6	73.2	73.2	73.2	73.3	73.3	73.3	73.5	73.5
≥ 10000	44.9	74.0	75.4	76.0	76.0	76.0	76.2	76.2	76.2	76.3	76.3
≥ 9000	45.4	74.7	76.1	76.7	76.7	76.7	76.9	76.9	76.9	77.0	77.0
≥ 8000	46.1	76.0	77.4	78.1	78.1	78.1	78.2	78.2	78.2	78.3	78.3
≥ 7000	46.6	76.9	78.5	79.1	79.1	79.1	79.3	79.3	79.3	79.4	79.4
≥ 6000	46.8	77.3	78.9	79.5	79.5	79.5	79.7	79.7	79.7	79.8	79.8
≥ 5000	46.9	77.8	79.4	80.0	80.0	80.0	80.2	80.2	80.2	80.3	80.3
≥ 4500	47.0	77.9	79.5	80.2	80.2	80.2	80.3	80.3	80.3	80.5	80.5
≥ 4000	47.9	79.3	81.2	81.8	81.8	81.8	82.0	82.0	82.0	82.1	82.1
≥ 3500	48.1	80.1	82.0	82.6	82.6	82.6	82.7	82.7	82.7	82.9	82.9
≥ 3000	48.3	80.8	82.7	83.3	83.3	83.3	83.4	83.4	83.4	83.6	83.6
≥ 2500	49.5	82.7	84.6	85.2	85.2	85.2	85.4	85.4	85.4	85.5	85.5
≥ 2000	49.9	83.8	86.0	86.6	86.6	86.6	86.8	86.8	86.8	86.9	86.9
≥ 1800	50.1	84.1	86.3	87.0	87.0	87.0	87.1	87.1	87.1	87.3	87.3
≥ 1500	50.3	85.0	87.2	87.8	87.8	87.8	88.0	88.0	88.0	88.1	88.1
≥ 1200	50.7	86.7	88.9	89.5	89.5	89.5	89.7	89.7	89.7	89.8	89.8
≥ 1000	50.9	87.3	89.5	90.2	90.2	90.2	90.3	90.3	90.3	90.4	90.4
≥ 900	50.9	87.6	89.8	90.5	90.5	90.5	90.7	90.7	90.7	90.8	90.8
≥ 800	51.0	88.7	90.9	91.6	91.7	91.7	91.9	91.9	91.9	92.0	92.0
≥ 700	51.0	89.5	91.8	92.5	92.7	92.7	92.9	92.9	92.9	93.1	93.1
≥ 600	51.0	90.0	92.4	93.1	93.5	93.5	93.6	93.7	93.7	93.8	93.8
≥ 500	51.4	90.7	93.0	93.7	94.3	94.3	94.6	94.7	94.7	94.9	94.9
≥ 400	51.4	90.9	93.3	94.2	94.8	94.8	95.2	95.3	95.3	95.5	95.5
≥ 300	51.4	91.4	93.8	95.1	95.8	95.8	96.5	96.5	96.5	96.7	96.7
≥ 200	51.4	91.9	94.6	95.9	97.0	97.0	97.7	97.8	97.8	98.3	98.4
≥ 100	51.4	91.9	94.6	96.0	97.2	97.2	98.0	98.4	98.4	99.0	99.7
≥ 0	51.4	91.9	94.6	96.0	97.2	97.2	98.0	98.4	98.4	99.0	99.6

TOTAL NUMBER OF OBSERVATIONS 1413

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

STATION MUDDY AFB GEORGIA/VALDOSTA

42-45,51-75

YEARS

SEP
MONTH

0300-0500
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≤ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING	20.5	49.2	54.4	57.0	59.3	59.8	60.8	61.2	61.3	62.0	62.4	62.9	63.0
≥ 20000	21.9	51.6	57.3	60.0	62.4	63.0	63.9	64.4	64.4	65.2	65.6	66.1	66.2
≥ 18000	21.9	51.6	57.3	60.0	62.4	63.0	63.9	64.4	64.4	65.2	65.6	66.1	66.2
≥ 16000	21.9	51.6	57.3	60.0	62.4	63.0	63.9	64.4	64.4	65.2	65.6	66.1	66.2
≥ 14000	22.1	52.3	58.2	60.9	63.2	63.8	64.8	65.2	65.2	66.0	66.4	66.9	67.0
≥ 12000	22.7	54.1	60.0	62.7	65.1	65.7	66.7	67.1	67.2	68.0	68.4	68.9	69.0
≥ 10000	23.5	56.0	62.0	64.8	67.3	67.8	68.8	69.3	69.3	70.1	70.6	71.0	71.1
≥ 9000	23.8	56.8	62.7	65.5	68.0	68.6	69.6	70.0	70.0	70.9	71.3	71.7	71.9
≥ 8000	24.4	58.3	64.3	67.1	69.6	70.1	71.1	71.5	71.6	72.4	72.8	73.3	73.4
≥ 7000	24.5	58.8	64.9	67.7	70.2	70.8	71.7	72.2	72.2	73.0	73.5	73.9	74.0
≥ 6000	24.7	59.0	65.1	67.9	70.4	71.0	72.0	72.4	72.4	73.3	73.7	74.1	74.2
≥ 5000	24.7	59.5	65.7	68.5	71.0	71.5	72.5	72.9	73.0	73.8	74.2	74.7	74.8
≥ 4500	24.8	59.7	65.8	68.6	71.1	71.7	72.7	73.1	73.2	74.0	74.4	74.9	75.0
≥ 4000	24.9	59.9	66.1	68.9	71.4	72.0	73.0	73.5	73.5	74.3	74.8	75.2	75.3
≥ 3500	24.9	60.5	66.7	69.5	72.0	72.6	73.7	74.1	74.1	75.0	75.4	75.9	76.0
≥ 3000	25.1	61.1	67.4	70.2	72.7	73.3	74.3	74.8	74.8	75.7	76.1	76.5	76.6
≥ 2500	25.3	61.8	68.2	71.0	73.5	74.1	75.2	75.6	75.7	76.5	76.9	77.4	77.5
≥ 2000	25.8	63.1	69.7	72.5	75.0	75.5	76.6	77.1	77.1	77.9	78.4	78.9	79.0
≥ 1800	25.9	63.3	69.9	72.7	75.2	75.8	76.8	77.3	77.3	78.1	78.6	79.1	79.2
≥ 1500	26.0	63.9	70.5	73.4	75.9	76.4	77.5	77.9	78.0	78.8	79.2	79.8	79.9
≥ 1200	26.3	65.2	71.9	74.8	77.4	77.9	79.0	79.4	79.5	80.3	80.7	81.3	81.4
≥ 1000	26.4	65.6	72.4	75.4	78.0	78.6	79.8	80.2	80.2	81.1	81.5	82.0	82.1
≥ 900	26.4	65.9	72.7	75.7	78.4	78.9	80.1	80.5	80.6	81.4	81.8	82.4	82.5
≥ 800	26.6	66.3	73.2	76.1	78.9	79.4	80.6	81.1	81.1	81.9	82.4	82.9	83.0
≥ 700	26.7	67.2	74.2	77.3	80.1	80.7	81.9	82.3	82.4	83.2	83.6	84.1	84.2
≥ 600	26.8	67.8	75.1	78.1	81.1	81.7	82.9	83.4	83.4	84.3	84.7	85.2	85.3
≥ 500	27.4	69.0	76.6	79.8	83.0	83.6	85.1	85.5	85.6	86.5	87.0	87.5	87.6
≥ 400	27.4	69.5	77.4	80.6	84.2	84.8	86.3	86.7	86.8	87.8	88.2	88.8	88.9
≥ 300	27.4	69.8	77.8	81.4	85.1	85.7	87.9	88.7	88.7	89.8	90.3	90.8	90.9
≥ 200	27.4	70.0	78.2	82.2	86.3	86.9	89.6	90.7	90.7	92.2	93.0	94.4	94.9
≥ 100	27.4	70.0	78.2	82.3	86.4	87.0	89.8	91.0	91.2	92.6	93.5	95.4	96.1
≥ 0	27.4	70.0	78.2	82.3	86.4	87.0	89.8	91.0	91.2	92.6	93.5	95.5	96.1

TOTAL NUMBER OF OBSERVATIONS 1922

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOOSTA

42-45, 51-75

YEARS

SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	10.9	29.0	33.6	37.2	41.1	41.8	43.4	44.8	45.0	46.0	46.7	47.6	47.7	48.5	49.1
≥ 2000	12.7	32.9	37.9	42.1	46.4	47.2	48.9	50.2	50.5	51.5	52.3	53.2	53.3	54.3	55.1
≥ 1800	12.7	32.9	37.9	42.1	46.5	47.2	48.9	50.3	50.5	51.5	52.3	53.3	53.4	54.3	55.2
≥ 1600	12.7	33.1	38.1	42.3	46.6	47.4	49.1	50.5	50.7	51.7	52.5	53.5	53.5	54.5	55.3
≥ 1400	12.9	34.1	39.1	43.4	47.8	48.6	50.3	51.7	51.9	52.9	53.7	54.7	54.8	55.8	56.6
≥ 1200	13.4	35.8	41.2	45.6	50.1	51.0	52.8	54.2	54.4	55.5	56.4	57.4	57.5	58.5	59.3
≥ 1000	14.0	38.1	44.0	48.5	53.2	54.1	56.1	57.5	57.8	58.9	59.9	60.9	61.0	62.0	62.9
≥ 900	14.4	38.8	44.8	49.4	54.0	54.9	56.9	58.4	58.6	59.8	60.7	61.7	61.8	62.8	63.7
≥ 800	14.7	39.7	45.8	50.5	55.2	56.2	58.2	59.6	59.9	61.0	61.9	62.9	63.1	64.1	64.9
≥ 700	14.8	40.5	46.7	51.4	56.1	57.1	59.2	60.6	60.9	62.0	62.9	63.9	64.1	65.1	65.9
≥ 600	15.1	41.0	47.2	51.9	56.7	57.7	59.7	61.2	61.4	62.6	63.5	64.5	64.7	65.7	66.6
≥ 500	15.5	41.8	48.1	52.8	57.5	58.5	60.6	62.1	62.3	63.6	64.5	65.5	65.6	66.6	67.5
≥ 450	15.6	42.0	48.2	52.9	57.8	58.8	60.9	62.3	62.5	63.9	64.8	65.8	65.9	66.9	67.8
≥ 400	15.8	42.4	48.6	53.4	58.2	59.2	61.4	62.9	63.1	64.4	65.3	66.3	66.4	67.4	68.3
≥ 350	15.9	42.7	49.0	53.8	58.6	59.6	61.8	63.2	63.5	64.8	65.7	66.7	66.8	67.8	68.7
≥ 300	16.0	43.2	49.6	54.4	59.2	60.2	62.4	63.9	64.1	65.4	66.3	67.3	67.4	68.4	69.3
≥ 250	16.1	43.6	50.1	54.8	59.8	60.8	62.9	64.4	64.6	65.9	66.8	67.8	67.9	68.9	69.8
≥ 200	16.6	44.5	51.1	55.8	60.8	61.8	64.0	65.5	65.7	67.0	67.9	68.9	69.0	70.0	70.9
≥ 1800	16.7	44.6	51.3	56.1	61.0	62.1	64.2	65.8	66.0	67.3	68.2	69.2	69.3	70.3	71.2
≥ 1500	16.8	45.6	52.5	57.3	62.4	63.4	65.6	67.2	67.4	68.7	69.7	70.7	70.8	71.8	72.7
≥ 1200	17.1	47.0	54.1	59.0	64.2	65.2	67.4	68.9	69.2	70.5	71.5	72.5	72.6	73.6	74.5
≥ 1000	17.4	48.2	55.4	60.6	65.9	66.9	69.1	70.7	70.9	72.2	73.2	74.2	74.4	75.4	76.3
≥ 900	17.5	48.6	56.0	61.2	66.5	67.6	69.9	71.5	71.7	73.0	74.0	75.0	75.2	76.2	77.0
≥ 800	17.7	49.3	56.9	62.3	67.6	68.8	71.1	72.7	72.9	74.3	75.3	76.3	76.4	77.4	78.3
≥ 700	17.7	50.4	58.0	63.6	69.2	70.3	72.7	74.4	74.6	76.1	77.1	78.1	78.2	79.2	80.1
≥ 600	18.0	51.2	59.0	64.9	70.7	71.9	74.6	76.3	76.5	78.0	79.0	80.0	80.2	81.2	82.0
≥ 500	18.3	52.6	60.8	67.1	73.3	74.6	77.7	79.6	79.9	81.5	82.6	83.6	83.7	84.7	85.6
≥ 400	18.4	53.2	61.8	68.4	75.1	76.6	79.9	81.9	82.3	84.0	85.2	86.3	86.5	87.5	88.3
≥ 300	18.4	53.6	62.5	69.4	76.6	78.3	82.0	84.6	85.1	87.3	88.8	90.2	90.4	91.6	92.6
≥ 200	18.4	53.7	62.6	69.6	76.9	78.5	82.4	85.6	86.1	88.6	90.5	92.7	93.2	94.9	96.4
≥ 100	18.4	53.7	62.6	69.6	76.9	78.6	82.5	85.7	86.3	89.0	91.0	93.8	94.3	96.7	99.1
≥ 0	18.4	53.7	62.6	69.6	76.9	78.6	82.5	85.7	86.3	89.0	91.0	93.8	94.4	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2299

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45,51-75

YEARS

SEP
MONTH

0900-1100
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½
NO CEILING	27.6	45.8	47.1	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.7
≥ 20000	31.9	53.1	54.8	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.4
≥ 18000	32.0	53.3	55.0	55.3	55.5	55.5	55.5	55.6	55.6	55.6	55.6
≥ 16000	32.0	53.6	55.4	55.6	55.8	55.9	55.9	55.9	55.9	55.9	55.9
≥ 14000	32.5	54.5	56.2	56.5	56.7	56.7	56.8	56.8	56.8	56.8	56.8
≥ 12000	33.9	57.4	59.2	59.5	59.7	59.7	59.8	59.8	59.8	59.8	59.8
≥ 10000	35.4	60.4	62.3	62.7	62.9	62.9	63.0	63.0	63.0	63.0	63.0
≥ 9000	35.8	61.0	62.9	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 8000	36.0	61.6	63.8	64.2	64.4	64.4	64.5	64.5	64.5	64.5	64.5
≥ 7000	36.3	62.1	64.3	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0
≥ 6000	36.7	62.9	65.2	65.6	65.8	65.8	65.9	65.9	65.9	65.9	65.9
≥ 5000	37.2	64.0	66.2	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 4500	37.3	64.2	66.4	66.9	67.1	67.1	67.2	67.2	67.2	67.2	67.2
≥ 4000	37.6	64.9	67.1	67.6	67.9	67.9	67.9	67.9	67.9	67.9	68.0
≥ 3500	37.9	65.2	67.5	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.4
≥ 3000	39.5	67.2	69.6	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4
≥ 2500	41.2	69.7	72.1	72.6	72.9	72.9	72.9	72.9	72.9	72.9	73.0
≥ 2000	43.7	73.0	75.6	76.1	76.4	76.4	76.5	76.5	76.5	76.5	76.5
≥ 1800	44.2	74.0	76.6	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.6
≥ 1500	45.6	77.1	79.8	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1200	46.8	80.3	83.3	84.0	84.6	84.6	84.6	84.6	84.6	84.6	84.7
≥ 1000	47.6	83.0	86.2	87.1	87.8	87.8	87.9	87.9	87.9	87.9	87.9
≥ 900	47.8	84.0	87.4	88.4	89.0	89.0	89.2	89.2	89.2	89.2	89.2
≥ 800	48.2	85.5	89.1	90.3	91.2	91.2	91.3	91.4	91.4	91.4	91.4
≥ 700	48.3	86.4	90.3	91.8	92.7	92.8	93.0	93.1	93.1	93.1	93.2
≥ 600	48.5	87.6	91.6	93.2	94.3	94.4	94.6	94.8	94.8	94.8	94.9
≥ 500	48.6	88.5	92.8	94.5	96.2	96.3	96.6	96.9	97.0	97.0	97.0
≥ 400	48.6	88.8	93.2	95.0	96.8	97.2	97.5	97.9	98.0	98.2	98.2
≥ 300	48.6	89.0	93.5	95.3	97.4	97.8	98.4	98.8	98.9	99.1	99.3
≥ 200	48.6	89.1	93.6	95.4	97.6	97.9	98.6	99.1	99.4	99.5	99.9
≥ 100	48.6	89.1	93.6	95.4	97.6	98.0	98.6	99.1	99.4	99.6	100.0
≥ 0	48.6	89.1	93.6	95.4	97.6	98.0	98.6	99.1	99.4	99.6	100.0

2437

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

STATION NAME
MUDDY AFB GEORGIA/VALDOSTA

YEARS
42-45,51-75

MONTH
SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 5/16	≥ 1/8
NO CEILING	34.2	44.6	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 20000	42.1	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 18000	42.4	55.3	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 16000	42.7	55.6	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000	43.3	56.5	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 12000	44.9	58.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 10000	46.7	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 9000	47.2	62.7	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	48.3	64.9	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 7000	48.7	65.6	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 6000	49.0	66.2	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 5000	49.4	67.0	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4500	49.8	67.5	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 4000	51.7	69.5	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 3500	54.7	72.7	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3000	59.8	79.0	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2500	64.3	85.1	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	66.6	88.8	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	66.8	89.8	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	67.6	91.6	92.7	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	68.1	93.0	94.2	94.6	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	68.2	93.6	94.9	95.3	95.6	95.6	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0
≥ 900	68.4	94.1	95.5	96.0	96.3	96.3	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7
≥ 800	68.5	94.7	96.3	96.8	97.2	97.2	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6
≥ 700	68.5	94.9	96.5	97.0	97.5	97.6	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1
≥ 600	68.5	95.1	96.7	97.2	97.8	97.9	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6
≥ 500	68.5	95.2	97.1	97.6	98.4	98.5	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3
≥ 400	68.5	95.3	97.2	97.8	98.7	98.8	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 300	68.5	95.3	97.3	97.8	98.8	98.8	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7
≥ 200	68.5	95.3	97.3	97.8	98.8	98.8	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8
≥ 100	68.5	95.3	97.3	97.8	98.8	98.8	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8
≥ 0	68.5	95.3	97.3	97.8	98.8	98.8	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2509

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MUDDY AFB GEORGIA/VALDOSTA

42-45, 51-75

STATION NAME

YEARS

SEP
MONTH

1500-1700
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	36.7	44.8	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 20000	48.7	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 18000	48.9	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 16000	49.2	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 14000	50.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000	51.8	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000	54.9	68.2	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 9000	55.6	69.4	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 8000	57.0	71.9	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 7000	57.2	72.6	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 6000	57.9	73.4	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 5000	58.6	74.5	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4500	59.2	75.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	61.2	77.9	78.8	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3500	63.2	81.0	82.0	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3000	65.7	84.5	85.7	85.8	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3
≥ 2500	68.0	87.7	89.2	89.6	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.1
≥ 2000	69.1	90.1	91.6	92.1	92.3	92.4	92.6	92.7	92.7	92.7	92.7	92.8	92.8	92.8
≥ 1800	69.3	90.6	92.1	92.6	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.3
≥ 1500	69.4	91.8	93.3	93.9	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6
≥ 1200	69.7	92.8	94.4	95.0	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8
≥ 1000	69.8	93.2	94.9	95.5	95.9	96.0	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4
≥ 900	69.8	93.4	95.0	95.6	96.1	96.2	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.7
≥ 800	69.8	93.6	95.3	95.9	96.4	96.6	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1
≥ 700	69.8	93.8	95.5	96.2	96.7	96.8	97.2	97.4	97.4	97.4	97.4	97.5	97.5	97.5
≥ 600	69.8	94.0	95.8	96.6	97.4	97.5	98.0	98.3	98.3	98.3	98.3	98.4	98.4	98.4
≥ 500	69.8	94.4	96.2	97.1	98.0	98.1	98.6	98.9	98.9	99.0	99.1	99.2	99.2	99.2
≥ 400	69.8	94.5	96.4	97.3	98.2	98.4	98.9	99.3	99.3	99.3	99.4	99.5	99.5	99.5
≥ 300	69.8	94.5	96.5	97.3	98.4	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8
≥ 200	69.8	94.5	96.5	97.3	98.4	98.6	99.1	99.5	99.5	99.8	99.8	100.0	100.0	100.0
≥ 100	69.8	94.5	96.5	97.3	98.4	98.6	99.1	99.5	99.5	99.8	99.8	100.0	100.0	100.0
≥ 0	69.8	94.5	96.5	97.3	98.4	98.6	99.1	99.5	99.5	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2444

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45,51-75
YEARS

SEP
MONTH

1800-2000
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING ≥ 20000	37.6	47.5	48.7	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 18000	48.3	61.9	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 16000	48.5	62.2	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 14000	48.5	62.3	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	49.6	63.8	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 10000	51.9	67.3	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 9000	55.5	72.2	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 8000	55.8	72.5	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 7000	57.1	75.2	77.2	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 6000	57.9	76.7	78.8	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 5000	58.8	77.9	80.1	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4500	59.8	79.3	81.5	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4000	60.1	80.0	82.2	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	60.7	81.3	83.4	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	61.4	82.9	85.1	85.5	85.9	85.9	85.9	85.9	85.9	86.0	86.0
≥ 2500	62.5	85.4	87.8	88.3	88.9	88.9	88.9	88.9	88.9	89.0	89.0
≥ 2000	63.4	87.3	89.8	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	64.3	89.0	91.7	92.2	92.9	93.0	93.1	93.1	93.1	93.1	93.1
≥ 1500	64.4	89.3	92.0	92.5	93.2	93.3	93.4	93.5	93.5	93.5	93.5
≥ 1200	64.5	90.3	93.0	93.6	94.3	94.4	94.5	94.6	94.6	94.6	94.6
≥ 1000	64.5	91.0	94.1	94.8	95.6	95.7	95.9	95.9	95.9	96.0	96.0
≥ 900	64.6	91.1	94.3	95.0	95.7	95.9	96.1	96.2	96.2	96.3	96.3
≥ 800	64.6	91.2	94.4	95.1	95.9	96.1	96.3	96.4	96.4	96.5	96.5
≥ 700	64.7	91.5	94.7	95.4	96.2	96.4	96.8	96.9	96.9	97.0	97.0
≥ 600	64.8	91.7	95.0	95.7	96.5	96.7	97.1	97.2	97.2	97.3	97.3
≥ 500	64.8	91.8	95.2	96.1	97.0	97.2	97.5	97.7	97.7	97.8	97.8
≥ 400	64.8	92.3	95.9	96.8	97.8	97.9	98.3	98.5	98.5	98.6	98.6
≥ 300	64.8	92.7	96.4	97.2	98.3	98.6	99.0	99.2	99.3	99.3	99.4
≥ 200	64.8	92.8	96.5	97.4	98.6	98.9	99.3	99.5	99.5	99.7	99.8
≥ 100	64.8	92.8	96.5	97.4	98.6	98.9	99.3	99.5	99.5	99.7	99.8
≥ 0	64.8	92.8	96.5	97.4	98.6	98.9	99.3	99.5	99.5	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS 2145

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-45, 51-75

YEARS

SEP MONTH

2100-2300
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	43.5	60.0	61.2	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000	48.7	67.4	68.9	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 18000	48.7	67.5	69.0	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 16000	48.7	67.8	69.3	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 14000	49.7	69.5	71.1	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 12000	51.6	72.0	73.8	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	53.2	75.6	77.4	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 9000	53.4	75.9	77.8	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 8000	54.1	76.9	78.9	79.6	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 7000	54.8	77.9	80.2	80.9	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 6000	55.1	78.4	80.8	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000	55.4	79.2	81.5	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	55.7	79.7	82.0	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4000	56.5	80.8	83.4	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3500	56.9	81.9	84.5	85.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3000	57.3	83.0	85.8	86.9	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2500	58.2	84.3	87.2	88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000	58.5	85.9	88.9	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800	58.6	86.3	89.3	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	58.7	86.9	90.0	91.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200	58.9	86.4	91.6	92.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000	59.3	89.1	92.3	93.4	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	59.4	89.4	92.7	93.8	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	59.4	90.1	93.3	94.5	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	59.4	90.3	93.5	94.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600	59.4	90.7	94.0	95.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500	59.4	90.9	94.3	95.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 400	59.4	91.1	94.5	96.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300	59.4	91.3	94.8	96.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	59.4	91.5	95.0	97.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 100	59.4	91.6	95.2	97.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	59.4	91.6	95.2	97.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45,51-60,62-63,68,75
YEARS

UCT
MONTH

0000-0200
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING ≥ 20000	41.1 43.2	67.0 70.2	69.7 72.9	70.9 74.0	72.1 75.2	72.1 75.2	72.8 76.0	72.9 76.1	72.9 76.1	73.2 76.4	73.2 76.4
≥ 18000	43.2 43.3	70.2 70.3	72.9 72.9	74.0 74.1	75.2 75.3	75.2 75.3	76.0 76.0	76.1 76.2	76.1 76.2	76.4 76.5	76.4 76.5
≥ 16000	43.5 44.3	71.0 72.3	73.7 75.7	74.9 76.2	76.2 77.5	76.2 77.5	76.9 78.4	77.0 78.5	77.0 78.5	77.3 78.9	77.3 78.9
≥ 14000	45.0 45.2	74.0 74.5	76.7 77.2	77.9 78.5	79.3 79.8	79.3 79.8	80.2 80.7	80.3 80.8	80.3 80.8	80.6 81.2	80.6 81.2
≥ 12000	45.6 46.2	75.4 76.7	78.3 79.6	80.8 82.2	82.2 83.1	82.2 83.1	83.1 84.9	83.2 85.0	83.2 85.0	83.6 85.3	83.6 85.3
≥ 10000	46.5 46.9	77.2 78.3	80.2 81.4	82.6 83.9	84.3 85.9	84.3 85.9	85.2 86.7	85.3 86.7	85.3 86.7	85.7 87.5	85.7 87.5
≥ 9000	47.0 47.2	78.6 79.1	81.7 82.2	83.5 84.7	84.3 85.3	84.3 85.3	85.2 86.1	85.3 86.1	85.3 86.1	85.7 86.2	85.7 86.2
≥ 8000	47.8 48.0	80.4 81.0	83.5 84.1	85.3 85.3	86.1 86.7	86.1 86.7	87.1 87.6	87.2 87.8	87.2 87.8	87.5 88.1	87.5 88.1
≥ 7000	48.1 48.3	81.7 82.2	84.9 85.3	86.3 86.7	87.9 88.4	87.9 88.4	88.8 89.3	89.0 89.4	89.0 89.4	89.3 89.8	89.3 89.8
≥ 6000	48.5 48.7	82.7 83.4	85.9 86.6	87.3 88.0	88.9 89.6	88.9 89.6	89.8 90.6	90.0 90.7	90.0 90.7	90.3 91.0	90.3 91.0
≥ 5000	49.0 49.1	84.3 85.1	87.6 88.4	89.0 89.9	90.7 91.6	90.7 91.6	91.7 92.7	91.9 92.8	91.9 92.8	92.2 93.1	92.2 93.1
≥ 4000	49.3 49.3	85.4 85.6	88.8 89.0	90.3 90.5	92.1 92.4	92.1 92.4	93.2 93.5	93.3 93.6	93.3 93.6	93.7 93.9	93.7 93.9
≥ 3000	49.3 49.3	85.7 85.8	89.1 89.2	90.6 90.7	92.5 92.7	92.5 92.7	93.5 93.8	93.7 93.9	93.7 93.9	94.0 94.3	94.0 94.3
≥ 2000	49.3 49.3	86.1 86.5	89.6 90.2	91.1 91.8	93.1 93.9	93.1 93.9	94.3 95.0	94.5 95.2	94.5 95.2	94.8 95.6	94.8 95.6
≥ 1000	49.4 49.4	87.0 87.1	90.6 90.8	92.5 92.7	94.6 94.9	94.6 94.9	95.8 96.2	96.1 96.5	96.1 96.5	96.5 97.1	96.5 97.1
≥ 500	49.4 49.4	87.1 87.1	90.8 90.8	92.7 92.7	94.9 94.9	94.9 94.9	96.2 96.2	96.9 96.9	96.9 96.9	97.5 97.5	97.5 97.5
≥ 300	49.4 49.4	87.1 87.1	90.8 90.8	92.7 92.7	94.9 94.9	94.9 94.9	96.2 96.2	96.9 96.9	96.9 96.9	97.5 97.5	97.5 97.5
≥ 200	49.4 49.4	87.1 87.1	90.8 90.8	92.7 92.7	94.9 94.9	94.9 94.9	96.2 96.2	96.9 96.9	96.9 96.9	97.5 97.5	97.5 97.5
≥ 100	49.4 49.4	87.1 87.1	90.8 90.8	92.7 92.7	94.9 94.9	94.9 94.9	96.2 96.2	96.9 96.9	96.9 96.9	97.5 97.5	97.5 97.5
≥ 0	49.4 49.4	87.1 87.1	90.8 90.8	92.7 92.7	94.9 94.9	94.9 94.9	96.2 96.2	96.9 96.9	96.9 96.9	97.5 97.5	97.5 97.5

TOTAL NUMBER OF OBSERVATIONS

1514

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOSTA

42-45,51-75

STATION NAME

YEARS

DCT

MONTH

0300-0500
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	29.0	58.6	62.4	64.9	66.8	67.0	68.1	68.9	69.0	69.9	70.1	70.1	70.4	70.5	71.1
≥ 20000	30.0	60.9	65.1	67.6	69.6	69.7	70.9	71.7	71.8	72.6	72.8	72.8	73.2	73.2	73.9
≥ 18000	30.0	60.9	65.1	67.6	69.6	69.7	70.9	71.7	71.8	72.6	72.8	72.8	73.2	73.2	73.9
≥ 16000	30.1	61.0	65.3	67.8	69.8	69.9	71.1	71.9	72.0	72.8	73.0	73.0	73.4	73.4	74.1
≥ 14000	30.4	61.5	65.9	68.4	70.4	70.6	71.7	72.5	72.6	73.5	73.7	73.7	74.0	74.1	74.8
≥ 12000	31.1	62.7	67.1	69.7	71.7	71.9	73.0	73.9	73.9	74.8	75.0	75.0	75.4	75.4	76.1
≥ 10000	31.6	63.8	68.4	71.0	73.4	73.5	74.7	75.6	75.6	76.5	76.7	76.7	77.1	77.1	77.8
≥ 9000	31.7	64.1	68.9	71.4	73.8	74.0	75.2	76.0	76.1	77.0	77.2	77.2	77.5	77.6	78.2
≥ 8000	32.0	65.1	69.9	72.4	75.0	75.1	76.3	77.2	77.2	78.1	78.3	78.3	78.6	78.7	79.4
≥ 7000	32.4	65.8	70.7	73.2	75.8	75.9	77.1	77.9	78.0	78.9	79.1	79.1	79.5	79.5	80.2
≥ 6000	32.5	66.1	71.1	73.6	76.3	76.4	77.6	78.4	78.5	79.4	79.6	79.6	80.0	80.0	80.7
≥ 5000	32.8	66.7	71.8	74.3	77.0	77.1	78.3	79.1	79.2	80.1	80.3	80.3	80.7	80.7	81.4
≥ 4500	32.9	67.0	72.2	74.7	77.4	77.5	78.7	79.5	79.6	80.5	80.7	80.7	81.1	81.1	81.8
≥ 4000	33.0	67.3	72.4	75.0	77.7	77.8	79.0	79.9	79.9	80.9	81.1	81.1	81.4	81.5	82.2
≥ 3500	33.3	67.9	73.1	75.7	78.3	78.5	79.7	80.5	80.6	81.5	81.7	81.7	82.1	82.1	82.8
≥ 3000	33.7	68.6	73.8	76.4	79.0	79.2	80.4	81.2	81.3	82.2	82.4	82.4	82.8	82.8	83.5
≥ 2500	34.0	69.4	74.6	77.3	80.1	80.3	81.5	82.3	82.4	83.3	83.5	83.5	83.8	83.9	84.6
≥ 2000	34.5	70.6	75.8	78.4	81.3	81.5	82.7	83.5	83.6	84.5	84.7	84.7	85.1	85.1	85.8
≥ 1800	34.6	70.7	75.9	78.6	81.5	81.6	82.9	83.7	83.7	84.7	84.9	84.9	85.2	85.3	86.0
≥ 1500	35.1	71.5	76.7	79.4	82.3	82.4	83.6	84.5	84.5	85.5	85.7	85.7	86.0	86.1	86.8
≥ 1200	35.3	72.7	78.0	80.9	83.8	83.9	85.2	86.0	86.1	87.0	87.2	87.2	87.6	87.6	88.3
≥ 1000	35.6	73.3	78.6	81.5	84.4	84.6	85.8	86.7	86.7	87.7	87.9	87.9	88.2	88.3	88.9
≥ 900	35.6	73.6	78.9	81.8	84.8	84.9	86.2	87.1	87.2	88.1	88.3	88.3	88.7	88.7	89.4
≥ 800	35.8	74.3	79.7	82.6	85.8	85.9	87.2	88.1	88.2	89.1	89.3	89.3	89.7	89.7	90.4
≥ 700	36.0	74.6	80.2	83.2	86.4	86.6	87.9	88.8	88.8	89.8	90.0	90.0	90.4	90.4	91.1
≥ 600	36.0	74.9	80.6	83.7	87.2	87.3	88.7	89.6	89.6	90.7	91.0	91.0	91.3	91.4	92.1
≥ 500	36.3	75.6	81.5	84.6	88.2	88.4	89.9	90.9	91.0	92.1	92.4	92.4	92.7	92.8	93.5
≥ 400	36.4	75.9	81.9	85.1	88.7	88.9	90.5	91.5	91.6	92.8	93.0	93.0	93.4	93.4	94.1
≥ 300	36.5	76.1	82.3	85.6	89.3	89.4	91.3	92.4	92.5	93.8	94.1	94.1	94.5	94.5	95.3
≥ 200	36.5	76.1	82.4	85.8	89.6	89.8	91.9	93.2	93.3	95.0	95.4	95.5	96.2	96.3	97.6
≥ 100	36.5	76.2	82.5	85.9	89.8	90.0	92.1	93.5	93.6	95.4	95.9	95.9	97.0	97.1	99.0
≥ 0	36.5	76.2	82.5	85.9	89.8	90.0	92.1	93.5	93.6	95.4	95.9	95.9	97.0	97.1	98.6

TOTAL NUMBER OF OBSERVATIONS 2018

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45,51-75

YEARS

0CT
MONTH

0600-0800
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	18.0	40.0	47.6	51.5	55.0	55.4	56.7	57.4	57.4	58.3	59.5
≥ 20000	18.6	41.8	50.0	54.3	58.0	58.5	59.9	60.6	60.7	61.7	62.9
≥ 18000	18.6	41.9	50.1	54.3	58.1	58.5	60.0	60.7	60.8	61.8	63.0
≥ 16000	18.7	42.0	50.4	54.6	58.4	58.8	60.3	61.0	61.1	62.1	63.3
≥ 14000	18.8	42.4	50.8	55.1	58.9	59.4	60.9	61.6	61.6	62.7	63.9
≥ 12000	19.6	44.0	52.7	57.1	61.0	61.4	63.0	63.8	63.8	64.9	66.1
≥ 10000	20.2	45.7	54.4	59.0	63.0	63.4	65.0	65.8	65.8	66.9	68.1
≥ 9000	20.3	46.2	55.0	59.6	63.6	64.0	65.6	66.4	66.4	67.5	68.7
≥ 8000	20.7	47.5	56.4	61.0	65.2	65.6	67.3	68.1	68.1	69.3	70.5
≥ 7000	20.9	48.2	57.1	61.8	65.9	66.4	68.1	68.9	68.9	70.1	71.3
≥ 6000	21.4	49.3	58.3	63.0	67.3	67.7	69.4	70.2	70.3	71.4	72.7
≥ 5000	21.6	50.1	59.1	63.9	68.1	68.6	70.3	71.1	71.1	72.3	73.5
≥ 4500	21.7	50.4	59.4	64.2	68.4	68.9	70.6	71.4	71.4	72.6	73.8
≥ 4000	21.8	50.9	59.9	64.7	69.1	69.5	71.2	72.0	72.0	73.2	74.4
≥ 3500	21.9	51.3	60.4	65.2	69.5	70.0	71.7	72.5	72.5	73.7	74.9
≥ 3000	22.2	52.0	61.1	65.9	70.2	70.7	72.4	73.2	73.2	74.4	75.6
≥ 2500	22.4	53.1	62.2	67.0	71.4	71.8	73.5	74.3	74.4	75.5	76.8
≥ 2000	22.7	54.0	63.1	68.0	72.4	72.9	74.6	75.4	75.4	76.6	77.8
≥ 1800	22.7	54.3	63.4	68.3	72.7	73.2	74.9	75.7	75.7	76.9	78.1
≥ 1500	23.1	55.4	64.5	69.4	73.8	74.3	76.1	76.8	76.9	78.0	79.3
≥ 1200	23.1	56.2	65.5	70.4	74.9	75.3	77.1	77.9	77.9	79.1	80.4
≥ 1000	23.4	56.7	66.1	71.0	75.5	76.0	77.8	78.6	78.6	79.9	81.1
≥ 900	23.4	56.8	66.3	71.2	75.7	76.2	78.0	78.8	78.9	80.1	81.4
≥ 800	23.7	57.6	67.4	72.5	77.0	77.4	79.3	80.2	80.3	81.5	82.8
≥ 700	23.8	58.2	68.2	73.4	78.1	78.5	80.4	81.3	81.4	82.7	83.9
≥ 600	24.1	58.9	69.3	74.9	79.7	80.2	82.1	83.0	83.1	84.4	85.7
≥ 500	24.1	59.3	70.1	75.8	80.8	81.4	83.6	84.6	84.7	86.0	87.3
≥ 400	24.2	59.7	70.7	76.6	81.9	82.6	85.1	86.1	86.2	87.6	88.9
≥ 300	24.2	59.7	71.0	77.3	82.9	83.7	86.5	87.7	87.9	89.5	90.9
≥ 200	24.2	59.7	71.1	77.4	83.2	84.3	87.3	88.7	88.9	90.9	92.5
≥ 100	24.2	59.7	71.1	77.4	83.2	84.3	87.3	88.7	89.0	91.0	92.6
≥ 0	24.2	59.7	71.1	77.4	83.2	84.3	87.3	88.7	89.0	91.0	92.6

TOTAL NUMBER OF OBSERVATIONS 2414

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45,51-75
YEARS

DCT
MONTH

0900-1100
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	35.3	59.2	61.4	62.2	62.5	62.5	62.6	62.7	62.7	62.7	62.7
≥ 20000	37.3	63.4	65.7	66.5	66.8	66.9	67.0	67.1	67.1	67.1	67.1
≥ 18000	37.5	63.6	65.9	66.7	67.0	67.1	67.2	67.3	67.3	67.3	67.3
≥ 16000	37.7	64.0	66.3	67.1	67.4	67.5	67.6	67.7	67.7	67.7	67.7
≥ 14000	38.2	64.9	67.2	68.0	68.3	68.4	68.5	68.6	68.6	68.6	68.6
≥ 12000	39.4	66.6	69.0	69.9	70.1	70.2	70.3	70.4	70.4	70.4	70.4
≥ 10000	39.8	67.9	70.3	71.3	71.5	71.6	71.7	71.8	71.8	71.9	71.9
≥ 9000	40.1	68.6	71.0	71.9	72.2	72.3	72.4	72.5	72.5	72.5	72.5
≥ 8000	40.7	70.1	72.6	73.6	73.9	74.0	74.1	74.2	74.3	74.3	74.3
≥ 7000	40.9	70.4	73.0	74.0	74.3	74.4	74.5	74.6	74.7	74.7	74.7
≥ 6000	41.4	71.4	74.0	75.1	75.4	75.5	75.6	75.7	75.8	75.8	75.8
≥ 5000	41.6	72.1	74.7	75.8	76.1	76.2	76.3	76.4	76.4	76.4	76.4
≥ 4500	41.7	72.3	74.9	76.0	76.3	76.4	76.6	76.7	76.7	76.7	76.7
≥ 4000	42.3	73.1	75.7	76.9	77.2	77.3	77.4	77.5	77.5	77.5	77.5
≥ 3500	42.6	73.6	76.3	77.5	77.8	77.9	78.0	78.1	78.2	78.2	78.2
≥ 3000	43.4	75.0	77.7	78.9	79.2	79.3	79.5	79.5	79.6	79.6	79.6
≥ 2500	44.1	76.0	78.7	79.9	80.3	80.4	80.5	80.6	80.6	80.6	80.6
≥ 2000	45.1	77.9	80.7	81.9	82.4	82.5	82.6	82.7	82.8	82.8	82.8
≥ 1800	45.5	78.7	81.5	82.8	83.2	83.3	83.5	83.5	83.6	83.6	83.6
≥ 1500	46.1	80.7	83.6	84.9	85.5	85.6	85.8	85.8	85.9	85.9	85.9
≥ 1200	47.0	83.3	86.2	87.5	88.1	88.2	88.4	88.5	88.5	88.5	88.5
≥ 1000	47.5	85.1	88.1	89.5	90.1	90.2	90.6	90.6	90.7	90.7	90.7
≥ 900	47.7	86.0	89.0	90.4	91.2	91.3	91.7	91.8	91.9	91.9	91.9
≥ 800	47.8	86.9	90.0	91.5	92.3	92.4	92.9	93.0	93.0	93.0	93.0
≥ 700	48.0	87.9	91.2	92.8	93.6	93.8	94.3	94.4	94.4	94.4	94.4
≥ 600	48.0	88.5	92.0	93.8	94.6	94.8	95.4	95.4	95.5	95.5	95.5
≥ 500	48.0	88.7	92.6	94.4	95.6	95.8	96.4	96.7	96.7	96.7	96.7
≥ 400	48.0	88.9	93.0	94.8	96.3	96.5	97.3	97.6	97.6	97.8	97.8
≥ 300	48.1	89.1	93.2	95.1	96.5	96.9	98.0	98.4	98.4	98.8	98.9
≥ 200	48.1	89.1	93.3	95.2	96.7	97.2	98.3	98.9	99.2	99.3	99.4
≥ 100	48.1	89.1	93.3	95.2	96.7	97.2	98.3	98.9	99.3	99.4	99.5
≥ 0	48.1	89.1	93.3	95.2	96.7	97.2	98.3	98.9	99.3	99.4	99.5

TOTAL NUMBER OF OBSERVATIONS. 2541

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-45,51-75

YEARS

OCT MONTH

1200-1400
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	46.6	58.9	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	52.4	66.1	66.3	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	52.6	66.3	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 16000	52.7	66.4	66.7	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 14000	53.2	67.3	67.6	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 12000	54.5	69.0	69.3	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 10000	56.1	71.9	72.2	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 9000	56.4	72.6	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 8000	57.1	74.0	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 7000	57.5	74.5	74.8	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 6000	57.8	75.0	75.3	75.5	75.7	75.7	75.7	75.8	75.8	75.8	75.8
≥ 5000	58.2	75.6	75.9	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 4500	58.4	75.8	76.1	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4000	59.9	77.5	77.8	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500	62.1	80.3	80.7	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3
≥ 3000	64.7	83.4	83.9	84.2	84.6	84.6	84.6	84.7	84.7	84.7	84.7
≥ 2500	67.2	87.1	87.6	87.9	88.3	88.3	88.3	88.4	88.4	88.4	88.4
≥ 2000	68.9	89.8	90.4	90.8	91.1	91.1	91.1	91.2	91.3	91.3	91.3
≥ 1800	69.6	90.9	91.5	91.9	92.3	92.3	92.3	92.4	92.4	92.4	92.5
≥ 1500	70.6	93.0	93.7	94.2	94.5	94.5	94.5	94.7	94.7	94.7	94.7
≥ 1200	71.2	94.5	95.3	95.9	96.3	96.3	96.4	96.5	96.6	96.6	96.6
≥ 1000	71.2	95.1	96.0	96.6	97.2	97.2	97.3	97.4	97.4	97.4	97.4
≥ 900	71.2	95.4	96.2	96.9	97.4	97.4	97.5	97.6	97.6	97.7	97.7
≥ 800	71.2	95.7	96.6	97.3	97.9	97.9	98.0	98.1	98.1	98.2	98.2
≥ 700	71.2	96.0	96.9	97.6	98.2	98.2	98.3	98.4	98.4	98.5	98.5
≥ 600	71.2	96.0	97.1	97.8	98.4	98.4	98.6	98.7	98.7	98.8	98.8
≥ 500	71.4	96.3	97.3	98.1	98.7	98.7	99.0	99.2	99.3	99.3	99.3
≥ 400	71.4	96.3	97.4	98.2	98.9	98.9	99.2	99.4	99.5	99.5	99.5
≥ 300	71.4	96.3	97.4	98.3	99.0	99.0	99.5	99.7	99.8	99.9	100.0
≥ 200	71.4	96.3	97.4	98.3	99.0	99.0	99.5	99.7	99.8	99.9	100.0
≥ 100	71.4	96.3	97.4	98.3	99.0	99.0	99.5	99.7	99.8	99.9	100.0
≥ 0	71.4	96.3	97.4	98.3	99.0	99.0	99.5	99.7	99.8	99.9	100.0

2618

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13857 MOODY AFB GEORGIA/VALDOSTA 42-45.51-75 YEARS MONTH OCT 1500-1700 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000 ≥ 18000 ≥ 16000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 ≥ 4500 ≥ 4000 ≥ 3500 ≥ 3000 ≥ 2500 ≥ 2000 ≥ 1800 ≥ 1500 ≥ 1200 ≥ 1000 ≥ 900 ≥ 800 ≥ 700 ≥ 600 ≥ 500 ≥ 400 ≥ 300 ≥ 200 ≥ 100 ≥ 0	52.3	62.6	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
	60.0	71.2	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
	60.0	71.3	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
	60.3	71.7	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
	61.0	72.7	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
	61.9	74.0	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
	63.7	77.1	77.5	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
	64.2	77.9	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
	65.3	79.6	80.0	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
	65.8	80.2	80.7	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
	66.4	81.0	81.5	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
	66.9	81.5	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
	67.2	81.9	82.4	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
	69.0	83.9	84.3	84.6	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
	70.6	86.0	86.6	86.9	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
	72.4	88.6	89.3	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2
73.9	91.1	91.9	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	
75.0	93.1	93.9	94.3	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
75.3	94.0	94.8	95.2	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
75.7	95.0	95.9	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	
75.9	95.4	96.2	96.6	97.3	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	
76.0	95.7	96.6	97.0	97.7	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	
76.0	95.8	96.7	97.2	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	
76.0	95.9	97.0	97.5	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
76.0	96.0	97.1	97.7	98.4	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
76.1	96.1	97.2	97.8	98.5	98.5	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
76.2	96.2	97.4	98.0	98.7	98.7	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98.8	98.8	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
76.2	96.2	97.4	98.1	98.8	98											

TOTAL NUMBER OF OBSERVATIONS 2580

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDDSTA

42-45.51-75

UCT
MONTH

STATION NAME

YEARS

1800-2000
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	50.5	66.7	67.5	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 20000	56.1	74.0	74.9	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 18000	56.3	74.3	75.2	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 16000	56.4	74.4	75.3	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 14000	57.0	75.3	76.2	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 12000	58.3	77.6	78.5	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 10000	60.4	80.3	81.3	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 9000	60.7	80.9	81.9	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000	61.5	82.2	83.3	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 7000	62.0	83.0	84.0	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000	62.7	84.0	85.1	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 5000	63.2	84.7	85.9	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4000	63.6	85.3	86.5	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3000	64.5	86.8	88.0	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2500	65.1	87.5	88.8	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	65.8	88.9	90.2	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	66.7	90.5	91.9	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	67.3	92.0	93.4	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	67.4	92.4	93.8	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	67.6	93.3	94.8	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	67.9	93.9	95.5	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	67.9	94.2	95.8	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	67.9	94.4	96.0	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	68.0	94.5	96.1	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	68.0	94.7	96.4	97.3	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	68.0	94.9	96.5	97.5	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	68.0	94.9	96.6	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	68.0	95.0	96.7	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 100	68.0	95.0	96.8	97.9	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	68.0	95.0	96.8	97.9	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

2304

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOSTA

42-45,51-75

YEARS

OCT

STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 0
NO CEILING	48.5	70.8	72.2	73.1	73.7	73.7	74.2	74.2	74.2	74.3	74.3
≥ 20000	51.4	74.8	76.3	77.2	77.8	77.8	78.3	78.3	78.3	78.4	78.4
≥ 18000	51.5	74.9	76.4	77.3	77.9	77.9	78.4	78.4	78.4	78.5	78.5
≥ 16000	51.5	74.9	76.4	77.3	77.9	77.9	78.4	78.4	78.4	78.5	78.5
≥ 14000	51.7	75.3	76.8	77.7	78.4	78.4	78.8	78.8	78.9	79.0	79.0
≥ 12000	53.5	77.6	79.1	80.0	80.8	80.8	81.2	81.2	81.3	81.4	81.4
≥ 10000	54.7	79.6	81.2	82.2	83.0	83.1	83.5	83.5	83.6	83.6	83.6
≥ 9000	54.8	80.3	81.9	82.8	83.7	83.8	84.2	84.2	84.3	84.3	84.3
≥ 8000	55.5	81.4	83.0	83.9	84.8	84.8	85.3	85.3	85.3	85.4	85.4
≥ 7000	56.1	82.3	83.9	84.8	85.6	85.7	86.1	86.1	86.2	86.3	86.3
≥ 6000	56.6	82.9	84.5	85.4	86.3	86.3	86.8	86.8	86.8	86.9	86.9
≥ 5000	56.8	83.8	85.3	86.3	87.2	87.2	87.7	87.7	87.7	87.8	87.8
≥ 4500	57.1	84.4	86.0	86.9	87.8	87.9	88.3	88.3	88.4	88.4	88.4
≥ 4000	57.8	85.7	87.3	88.2	89.1	89.2	89.6	89.6	89.7	89.7	89.7
≥ 3500	58.1	86.3	87.9	88.8	89.8	89.9	90.3	90.3	90.4	90.4	90.4
≥ 3000	58.9	87.4	89.1	90.0	91.2	91.2	91.7	91.7	91.7	91.8	91.8
≥ 2500	59.1	87.9	89.6	90.5	91.8	91.8	92.3	92.3	92.4	92.4	92.4
≥ 2000	59.5	88.8	90.6	91.6	92.8	92.9	93.3	93.3	93.4	93.4	93.4
≥ 1800	59.5	89.0	90.9	91.8	93.2	93.3	93.7	93.7	93.8	93.8	93.8
≥ 1500	59.6	89.1	91.0	92.0	93.3	93.4	93.8	93.8	93.9	94.0	94.0
≥ 1200	59.7	90.3	92.2	93.2	94.6	94.6	95.1	95.1	95.2	95.2	95.2
≥ 1000	59.9	90.9	92.9	94.0	95.4	95.4	95.9	95.9	96.0	96.0	96.0
≥ 900	60.1	91.2	93.3	94.4	95.7	95.8	96.2	96.2	96.3	96.4	96.4
≥ 800	60.1	91.3	93.3	94.4	96.0	96.0	96.5	96.6	96.6	96.7	96.7
≥ 700	60.1	91.4	93.4	94.5	96.1	96.1	96.6	96.7	96.8	96.8	96.8
≥ 600	60.2	91.6	93.6	94.7	96.2	96.3	96.8	96.9	97.0	97.0	97.0
≥ 500	60.2	91.6	93.6	94.8	96.5	96.5	97.1	97.2	97.3	97.3	97.3
≥ 400	60.2	91.9	94.0	95.3	97.1	97.1	97.8	97.9	98.0	98.0	98.1
≥ 300	60.2	91.9	94.1	95.4	97.4	97.5	98.2	98.3	98.7	98.8	98.9
≥ 200	60.2	92.0	94.2	95.6	97.5	97.7	98.5	98.6	99.1	99.2	99.3
≥ 100	60.2	92.0	94.2	95.6	97.6	97.7	98.5	98.7	99.2	99.3	99.9
≥ 0	60.2	92.0	94.2	95.6	97.6	97.7	98.5	98.7	99.2	99.3	99.9

TOTAL NUMBER OF OBSERVATIONS

1754

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MOODY AFB GEORGIA/VALDOOSTA
STATION NAME

42-45,51-60,62-63,70,75
YEARS

NDV
MONTH

0000-0200
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	> 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	32.5	58.5	62.9	65.5	66.2	66.3	66.8	67.1	67.1	67.7	68.0	68.2
≥ 20000	34.9	62.6	67.4	70.0	70.7	70.9	71.5	71.7	71.7	72.3	72.6	72.8
≥ 18000	34.9	62.8	67.6	70.2	70.9	71.1	71.7	71.9	71.9	72.5	72.8	73.0
≥ 16000	35.1	63.0	67.8	70.4	71.1	71.3	71.9	72.1	72.1	72.7	73.0	73.2
≥ 14000	35.4	63.7	68.8	71.4	72.1	72.2	72.8	73.1	73.1	73.6	74.0	74.2
≥ 12000	36.1	64.9	70.0	72.6	73.3	73.4	74.0	74.3	74.3	74.9	75.2	75.4
≥ 10000	36.8	66.2	71.3	73.9	74.6	74.7	75.5	75.7	75.7	76.3	76.6	76.8
≥ 9000	37.0	66.6	71.6	74.3	74.9	75.1	75.9	76.2	76.2	76.7	77.0	77.2
≥ 8000	37.1	67.9	72.9	75.6	76.4	76.6	77.4	77.7	77.7	78.3	78.6	78.8
≥ 7000	37.5	68.8	73.9	76.6	77.4	77.6	78.4	78.7	78.7	79.3	79.6	79.8
≥ 6000	38.0	69.8	74.9	77.6	78.5	78.6	79.4	79.8	79.8	80.3	80.6	80.8
≥ 5000	38.4	71.1	76.3	79.0	79.8	80.0	80.8	81.1	81.1	81.7	82.0	82.2
≥ 4500	38.6	71.5	76.8	79.5	80.3	80.4	81.3	81.6	81.6	82.1	82.5	82.7
≥ 4000	39.0	72.5	77.7	80.5	81.3	81.5	82.3	82.6	82.6	83.2	83.5	83.7
≥ 3500	39.1	73.0	78.2	81.0	81.8	81.9	82.8	83.2	83.2	83.7	84.0	84.2
≥ 3000	39.5	73.6	79.0	81.9	82.7	82.8	83.8	84.1	84.1	84.8	85.1	85.3
≥ 2500	39.7	74.5	79.9	82.8	83.6	83.8	84.8	85.1	85.1	85.8	86.1	86.3
≥ 2000	40.1	75.7	81.1	84.0	84.9	85.1	86.0	86.3	86.3	87.0	87.4	87.6
≥ 1900	40.1	75.9	81.3	84.2	85.1	85.3	86.2	86.5	86.5	87.2	87.6	87.8
≥ 1500	40.3	76.8	82.2	85.1	86.0	86.2	87.2	87.5	87.5	88.2	88.5	88.7
≥ 1200	40.6	77.5	82.9	86.0	86.9	87.1	88.1	88.5	88.5	89.1	89.5	89.7
≥ 1000	40.6	77.9	83.4	86.5	87.4	87.6	88.7	89.1	89.1	89.7	90.1	90.3
≥ 900	40.6	78.0	83.6	86.6	87.6	87.8	88.9	89.3	89.3	89.9	90.3	90.5
≥ 800	40.6	78.4	84.1	87.2	88.2	88.4	89.5	89.9	89.9	90.6	90.9	91.1
≥ 700	40.6	78.4	84.1	87.3	88.5	88.7	89.9	90.2	90.2	90.9	91.2	91.4
≥ 600	40.6	78.6	84.4	87.6	88.9	89.1	90.4	90.8	90.8	91.5	91.8	92.1
≥ 500	40.6	78.9	84.8	88.2	89.5	89.8	91.1	91.6	91.6	92.3	92.7	92.9
≥ 400	40.6	78.9	85.1	88.7	90.2	90.5	91.8	92.3	92.3	93.2	93.5	93.8
≥ 300	40.7	78.9	85.3	88.9	90.9	91.2	92.7	93.3	93.3	94.6	94.9	95.1
≥ 200	40.7	79.0	85.5	89.3	91.7	92.0	94.0	94.6	94.6	96.3	96.8	97.0
≥ 100	40.7	79.0	85.5	89.3	91.7	92.0	94.1	94.7	94.7	96.7	97.2	97.7
≥ 0	40.7	79.0	85.5	89.3	91.7	92.0	94.1	94.7	94.7	96.7	97.2	97.8

1472

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOSTA

42-45,51-73,75

NOV

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	24.6	49.4	55.0	58.3	60.3	60.5	61.3	61.4	62.0	62.2	62.2	62.9	63.0
≥ 20000	26.1	52.6	58.6	61.9	63.9	64.1	64.9	65.0	65.6	65.8	65.8	66.5	66.6
≥ 18000	26.1	52.6	58.6	61.9	63.9	64.1	64.9	65.0	65.6	65.8	65.8	66.5	66.6
≥ 16000	26.1	52.6	58.7	62.0	64.0	64.1	64.9	65.1	65.7	65.9	65.9	66.6	67.3
≥ 14000	26.3	53.1	59.5	62.8	64.8	64.9	65.7	65.9	66.5	66.7	66.7	67.4	68.1
≥ 12000	26.5	53.5	60.4	64.0	66.1	66.2	67.0	67.1	67.7	67.9	67.9	68.6	69.4
≥ 10000	27.1	55.5	62.6	66.2	68.3	68.4	69.2	69.4	69.9	70.2	70.2	70.9	71.6
≥ 9000	27.3	55.9	63.1	66.7	68.8	68.9	69.7	69.9	70.5	70.7	70.7	71.4	72.1
≥ 8000	27.7	57.1	64.3	67.9	70.1	70.2	71.0	71.1	71.7	71.9	71.9	72.6	73.4
≥ 7000	28.0	57.9	65.2	68.8	70.9	71.0	71.8	72.0	72.6	72.8	72.8	73.5	74.2
≥ 6000	28.2	58.3	65.7	69.3	71.4	71.5	72.3	72.5	73.0	73.3	73.3	74.0	74.7
≥ 5000	28.3	58.6	66.1	69.7	71.8	71.9	72.7	72.9	73.5	73.7	73.7	74.4	75.2
≥ 4500	28.5	58.8	66.3	69.9	72.0	72.1	72.9	73.1	73.7	73.9	73.9	74.6	75.4
≥ 4000	28.9	59.8	67.3	70.9	73.0	73.1	73.9	74.1	74.7	74.9	74.9	75.6	76.4
≥ 3500	29.3	60.7	68.3	72.0	74.1	74.2	75.0	75.3	75.8	76.1	76.1	76.7	77.5
≥ 3000	29.9	61.5	69.2	72.9	75.0	75.1	75.9	76.2	76.8	77.0	77.0	77.7	78.5
≥ 2500	29.9	62.4	70.1	73.9	76.1	76.2	77.0	77.2	77.8	78.1	78.7	78.9	79.5
≥ 2000	30.3	63.1	71.0	74.8	77.0	77.1	77.9	78.2	78.8	79.0	79.7	79.8	80.5
≥ 1800	30.5	63.4	71.3	75.1	77.3	77.4	78.2	78.5	79.1	79.3	79.3	80.0	80.8
≥ 1500	30.7	64.0	71.9	75.8	78.1	78.2	79.0	79.2	79.8	80.1	80.1	80.7	81.5
≥ 1200	31.1	64.7	72.8	76.7	79.0	79.1	79.9	80.2	80.8	81.0	81.0	81.8	82.6
≥ 1000	31.4	65.4	73.5	77.4	79.7	79.8	80.6	80.9	81.5	81.7	81.7	82.5	83.3
≥ 900	31.5	65.8	74.0	77.9	80.2	80.3	81.2	81.4	82.1	82.3	82.3	83.1	83.9
≥ 800	31.6	66.3	74.6	78.6	80.9	81.0	82.0	82.2	82.9	83.1	83.1	83.9	84.7
≥ 700	31.6	66.6	75.3	79.5	81.8	81.9	82.9	83.1	83.8	84.0	84.0	84.8	85.6
≥ 600	31.6	66.8	75.6	80.1	82.4	82.5	83.5	83.7	84.3	84.6	84.6	85.4	86.2
≥ 500	31.7	67.3	76.2	80.6	83.3	83.4	84.3	84.6	85.2	85.4	85.4	86.2	87.0
≥ 400	31.7	67.3	76.4	81.0	84.0	84.2	85.2	85.5	86.2	86.4	86.4	87.3	88.1
≥ 300	31.7	67.7	77.0	81.9	85.4	85.7	86.9	87.4	88.4	88.4	89.4	89.5	90.2
≥ 200	31.8	67.9	77.4	82.3	85.9	86.2	87.8	88.4	89.8	89.8	91.1	91.3	92.5
≥ 100	31.8	67.9	77.4	82.3	85.9	86.2	87.9	88.5	89.5	90.2	90.3	92.0	93.9
≥ 0	31.8	67.9	77.4	82.3	85.9	86.2	87.9	88.5	89.5	90.2	90.3	92.3	94.2

TOTAL NUMBER OF OBSERVATIONS 1750

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOSTA

42-45, 51-75

STATION NAME

YEARS

NOV
MONTH

0600-0800
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	19.5	40.8	45.7	48.9	51.8	52.1	53.7	54.4	54.6	55.2	55.5	55.5	56.6	57.6
≥ 20000	20.6	43.4	48.7	52.2	55.5	55.8	57.3	58.1	58.3	59.1	59.4	59.4	60.5	61.6
≥ 18000	20.6	43.6	49.0	52.4	55.7	56.0	57.6	58.3	58.5	59.3	59.6	59.6	60.7	61.8
≥ 16000	20.8	43.8	49.2	52.6	55.9	56.2	57.8	58.5	58.7	59.5	59.9	59.9	60.9	62.1
≥ 14000	21.0	44.3	49.8	53.3	56.6	56.9	58.5	59.2	59.5	60.2	60.6	60.6	61.6	62.8
≥ 12000	21.2	45.4	50.9	54.6	58.1	58.4	60.0	60.7	61.0	61.8	62.1	62.1	63.2	64.3
≥ 10000	22.3	47.1	52.7	56.4	59.9	60.3	61.9	62.7	63.0	63.8	64.2	64.3	65.4	66.6
≥ 9000	22.4	47.4	53.1	56.9	60.4	60.7	62.4	63.1	63.4	64.3	64.7	64.8	65.9	67.1
≥ 8000	22.9	48.7	54.6	58.4	62.1	62.5	64.2	64.9	65.3	66.1	66.5	66.7	67.8	69.0
≥ 7000	22.9	49.3	55.4	59.2	62.9	63.3	65.0	65.8	66.1	67.0	67.5	67.6	68.8	69.9
≥ 6000	23.2	50.0	56.1	60.1	63.8	64.3	66.0	66.7	67.1	68.0	68.5	68.6	69.8	70.2
≥ 5000	23.7	51.2	57.5	61.5	65.3	65.8	67.5	68.2	68.6	69.5	70.0	70.1	71.3	71.7
≥ 4500	23.8	51.6	57.9	61.9	65.7	66.1	67.8	68.6	68.9	69.9	70.3	70.5	71.6	72.0
≥ 4000	24.0	52.2	58.6	62.6	66.5	66.9	68.6	69.4	69.7	70.6	71.1	71.3	72.4	72.8
≥ 3500	24.3	52.9	59.2	63.4	67.2	67.7	69.4	70.2	70.5	71.4	71.9	72.1	73.2	73.6
≥ 3000	24.8	53.6	60.0	64.3	68.1	68.5	70.3	71.0	71.4	72.3	72.8	72.9	74.1	74.5
≥ 2500	25.0	54.3	60.8	65.1	69.0	69.4	71.1	72.1	72.4	73.4	73.9	74.0	75.2	75.6
≥ 2000	25.5	55.2	61.9	66.2	70.1	70.6	72.3	73.2	73.6	74.5	75.1	75.2	76.4	76.8
≥ 1800	25.6	55.5	62.3	66.6	70.5	71.0	72.7	73.6	74.0	74.9	75.5	75.6	76.8	77.2
≥ 1500	25.7	56.0	62.8	67.2	71.1	71.6	73.3	74.2	74.6	75.6	76.1	76.2	77.4	77.8
≥ 1200	26.1	56.9	63.7	68.1	72.1	72.6	74.3	75.3	75.7	76.7	77.3	77.5	78.7	79.1
≥ 1000	26.2	57.6	64.2	69.0	73.1	73.6	75.4	76.4	76.7	77.8	78.4	78.5	79.8	80.2
≥ 900	26.4	58.1	65.1	69.6	73.8	74.3	76.1	77.1	77.4	78.5	79.2	79.3	80.6	81.0
≥ 800	26.4	58.7	65.6	70.3	74.5	75.0	76.8	77.8	78.2	79.2	79.9	80.0	81.4	81.8
≥ 700	26.5	59.1	66.2	71.0	75.5	76.1	77.9	78.9	79.3	80.3	81.0	81.1	82.5	82.9
≥ 600	26.5	59.5	66.7	71.7	76.3	76.9	78.9	79.9	80.3	81.4	82.1	82.2	83.5	83.9
≥ 500	26.5	59.9	67.3	72.7	77.6	78.1	80.2	81.4	81.7	82.8	83.5	83.6	85.0	85.4
≥ 400	26.5	60.0	67.6	73.1	78.5	79.1	81.2	82.5	82.8	84.0	84.7	84.8	86.1	86.3
≥ 300	26.5	60.1	67.7	73.5	79.2	79.9	82.2	83.6	84.0	85.2	86.0	86.1	87.5	87.5
≥ 200	26.5	60.2	67.8	73.6	79.6	80.3	82.7	84.4	84.8	86.4	87.4	87.5	89.1	89.9
≥ 100	26.5	60.2	67.8	73.6	79.6	80.3	82.7	84.4	84.8	86.6	87.7	87.8	89.6	90.6
≥ 0	26.5	60.2	67.8	73.6	79.6	80.3	82.7	84.4	84.8	86.7	87.7	87.9	89.7	90.7

2269

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-45,51-75

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LTST

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	33.8	54.6	56.5	58.0	58.5	58.6	58.9	59.1	59.2	59.3	59.4	59.4	59.4
≥ 20000	36.6	60.2	62.3	63.8	64.5	64.5	64.9	65.1	65.2	65.3	65.4	65.4	65.5
≥ 18000	36.7	60.4	62.6	64.1	64.8	64.8	65.2	65.4	65.5	65.6	65.7	65.7	65.7
≥ 16000	36.7	60.6	62.8	64.3	65.0	65.0	65.4	65.6	65.7	65.8	65.9	65.9	66.0
≥ 14000	37.2	61.4	63.6	65.2	65.9	65.9	66.3	66.5	66.6	66.7	66.8	66.8	67.1
≥ 12000	38.0	63.0	65.3	66.8	67.7	67.7	68.1	68.3	68.4	68.5	68.6	68.6	68.9
≥ 10000	39.4	65.3	67.7	69.3	70.2	70.2	70.6	70.8	70.9	71.0	71.1	71.2	71.5
≥ 9000	39.6	65.7	68.2	69.8	70.7	70.7	71.1	71.3	71.4	71.5	71.6	71.7	72.0
≥ 8000	40.4	67.4	70.3	71.9	72.9	73.0	73.4	73.6	73.7	73.8	73.9	74.0	74.3
≥ 7000	40.9	68.5	71.5	73.2	74.2	74.2	74.6	74.9	75.0	75.1	75.2	75.3	75.6
≥ 6000	41.6	70.4	73.4	75.1	76.1	76.2	76.6	76.9	77.1	77.2	77.3	77.3	77.7
≥ 5000	42.2	71.7	74.9	76.6	77.6	77.7	78.1	78.5	78.6	78.7	78.8	78.9	79.2
≥ 4500	42.3	72.1	75.2	77.0	78.0	78.0	78.5	78.8	78.9	79.0	79.1	79.2	79.5
≥ 4000	42.6	72.7	75.8	77.6	78.6	78.7	79.1	79.5	79.6	79.7	79.7	79.9	80.2
≥ 3500	43.0	73.3	76.5	78.3	79.2	79.4	79.9	80.2	80.3	80.4	80.5	80.6	80.9
≥ 3000	44.0	74.6	77.8	79.6	80.7	80.9	81.4	81.7	81.9	82.0	82.1	82.1	82.5
≥ 2500	44.3	75.2	78.5	80.3	81.4	81.6	82.1	82.5	82.6	82.7	82.8	82.9	83.3
≥ 2000	44.7	75.9	79.2	81.1	82.2	82.4	83.0	83.4	83.5	83.6	83.7	83.8	84.1
≥ 1800	44.8	76.3	79.6	81.5	82.6	82.8	83.4	83.8	83.9	84.0	84.1	84.2	84.5
≥ 1500	45.2	77.2	80.5	82.4	83.6	83.8	84.5	84.8	85.0	85.1	85.2	85.3	85.6
≥ 1200	45.5	78.6	81.9	83.9	85.1	85.3	86.0	86.5	86.6	86.7	86.8	86.9	87.2
≥ 1000	45.7	80.0	83.3	85.4	86.7	87.0	87.8	88.2	88.4	88.5	88.6	88.7	89.1
≥ 900	45.9	80.6	84.0	86.1	87.5	87.8	88.6	89.0	89.2	89.3	89.4	89.5	89.9
≥ 800	46.0	81.4	84.8	87.0	88.4	88.7	89.5	89.9	90.1	90.3	90.4	90.5	90.9
≥ 700	46.1	82.0	85.5	87.7	89.2	89.5	90.3	90.8	91.0	91.2	91.3	91.4	91.8
≥ 600	46.2	82.3	86.0	88.2	89.9	90.4	91.4	91.9	92.1	92.3	92.4	92.5	92.9
≥ 500	46.4	83.1	87.2	89.7	91.7	92.2	93.5	94.0	94.2	94.5	94.6	94.7	95.1
≥ 400	46.4	83.3	87.4	90.1	92.3	92.9	94.2	95.0	95.3	95.7	95.8	95.9	96.4
≥ 300	46.4	83.3	87.5	90.5	92.8	93.4	94.9	95.9	96.2	96.9	97.0	97.3	98.0
≥ 200	46.4	83.3	87.5	90.5	92.8	93.4	95.0	96.1	96.5	97.2	97.4	97.8	98.4
≥ 100	46.4	83.3	87.5	90.5	92.8	93.4	95.0	96.1	96.6	97.3	97.5	98.0	98.5
≥ 0	46.4	83.3	87.5	90.5	92.8	93.4	95.0	96.1	96.6	97.3	97.5	98.3	98.8

2414

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13957
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45,51-75

YEARS

NOV
MONTH

1200-1400
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	48.4	57.5	57.8	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 20000	54.5	65.3	65.7	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 18000	54.5	65.3	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 16000	54.9	65.8	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	55.5	66.6	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	56.9	68.3	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 10000	59.5	71.4	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 9000	59.7	71.7	72.2	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 8000	60.9	73.7	74.3	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 7000	61.8	75.4	76.1	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000	62.3	76.3	77.0	77.3	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	63.2	77.8	78.5	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4500	63.4	78.2	78.9	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4000	64.6	79.7	80.5	80.9	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	66.2	81.9	82.7	83.0	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3000	68.0	84.3	85.1	85.5	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	69.4	86.1	87.0	87.4	87.7	87.8	88.0	88.1	88.1	88.1	88.1	88.1
≥ 2000	70.3	87.8	88.7	89.2	89.5	89.7	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1800	70.7	88.5	89.5	89.9	90.3	90.5	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	71.2	89.9	91.0	91.5	91.9	92.1	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1200	71.6	90.8	92.0	92.6	93.0	93.3	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	71.9	92.4	93.7	94.3	94.7	95.0	95.3	95.4	95.4	95.4	95.4	95.4
≥ 900	72.1	93.0	94.5	95.0	95.5	95.8	96.1	96.2	96.2	96.2	96.2	96.2
≥ 800	72.1	93.3	94.9	95.4	95.9	96.2	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	72.2	93.5	95.1	95.7	96.3	96.6	97.0	97.1	97.1	97.1	97.1	97.1
≥ 600	72.2	93.8	95.5	96.2	96.8	97.2	97.7	97.9	97.9	97.9	97.9	97.9
≥ 500	72.3	93.9	95.8	96.6	97.4	97.8	98.4	98.6	98.7	98.7	98.7	98.7
≥ 400	72.3	94.2	96.1	96.9	97.8	98.2	98.8	99.2	99.3	99.4	99.4	99.4
≥ 300	72.3	94.2	96.1	97.0	98.0	98.4	99.1	99.6	99.7	99.8	99.8	99.8
≥ 200	72.3	94.2	96.1	97.0	98.0	98.4	99.1	99.6	99.7	100.0	100.0	100.0
≥ 100	72.3	94.2	96.1	97.0	98.0	98.4	99.1	99.6	99.7	100.0	100.0	100.0
≥ 0	72.3	94.2	96.1	97.0	98.0	98.4	99.1	99.6	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2497

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOSTA

42-45,51-75

STATION NAME

YEARS

NOV
MONTH

1500-1700
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	50.8	58.7	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 20000	59.1	68.0	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 18000	59.1	68.1	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 16000	59.6	68.9	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 14000	60.2	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 12000	62.1	71.6	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	65.0	75.0	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 9000	65.2	75.5	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 8000	66.7	77.8	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000	67.4	79.1	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	68.7	81.0	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000	70.1	82.8	83.4	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500	70.9	83.8	84.4	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	72.1	85.2	85.9	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500	73.3	86.9	87.6	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000	74.5	88.6	89.3	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	75.1	89.8	90.6	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	75.9	91.2	92.0	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800	75.9	91.5	92.4	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0
≥ 1500	76.3	92.7	93.6	94.0	94.0	94.2	94.2	94.3	94.3	94.3	94.3
≥ 1200	76.5	93.5	94.5	94.9	95.0	95.2	95.3	95.5	95.5	95.5	95.5
≥ 1000	76.7	94.2	95.3	95.9	96.0	96.2	96.4	96.6	96.6	96.6	96.6
≥ 900	76.7	94.5	95.7	96.4	96.6	96.7	97.0	97.1	97.1	97.1	97.1
≥ 800	76.7	94.5	95.9	96.5	96.7	96.9	97.1	97.3	97.3	97.4	97.4
≥ 700	76.7	94.7	96.2	96.8	97.0	97.2	97.5	97.7	97.7	97.8	97.8
≥ 600	76.7	94.9	96.4	97.1	97.4	97.5	98.0	98.2	98.2	98.3	98.3
≥ 500	76.7	94.9	96.6	97.3	97.6	97.8	98.4	98.7	98.7	98.8	98.8
≥ 400	76.7	95.1	96.8	97.7	98.0	98.2	98.8	99.1	99.2	99.4	99.4
≥ 300	76.7	95.1	96.8	97.7	98.1	98.3	99.0	99.4	99.4	99.6	99.7
≥ 200	76.7	95.1	96.9	97.7	98.1	98.3	99.1	99.5	99.5	99.8	99.8
≥ 100	76.7	95.1	96.9	97.7	98.1	98.3	99.1	99.5	99.6	99.8	99.8
≥ 0	76.7	95.1	96.9	97.7	98.1	98.3	99.1	99.5	99.6	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2469

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOOSTA

42-45, 51-75

YEARS

NOV
MONTH

1800-2000
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.1	64.0	65.6	66.2	66.4	66.5	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8
≥ 20000	53.8	71.2	72.9	73.6	73.7	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 18000	53.8	71.3	73.0	73.7	73.8	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	54.0	71.5	73.1	73.9	74.0	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 14000	54.4	72.2	73.9	74.6	74.7	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 12000	55.4	73.7	75.4	76.2	76.3	76.4	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 10000	57.2	76.2	77.9	78.6	78.8	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 9000	57.5	76.8	78.5	79.2	79.4	79.5	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 8000	58.6	79.1	80.8	81.5	81.8	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 7000	59.6	81.0	82.8	83.6	83.9	84.1	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
≥ 6000	61.3	82.0	83.9	84.8	85.1	85.2	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
≥ 5000	61.3	83.4	85.2	86.2	86.5	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4500	61.6	84.1	85.9	86.9	87.2	87.3	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	62.2	85.2	87.1	88.1	88.4	88.5	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	62.7	86.1	88.0	88.9	89.2	89.4	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	64.0	88.0	89.9	90.9	91.1	91.4	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	64.2	88.4	90.4	91.4	91.6	91.9	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	64.6	89.7	91.8	92.8	93.1	93.3	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	64.7	89.8	91.9	92.9	93.2	93.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	64.9	90.7	92.9	93.9	94.2	94.5	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	65.1	91.1	93.5	94.6	94.9	95.1	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	65.3	92.0	94.4	95.5	95.9	96.1	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	65.3	92.2	94.7	95.8	96.2	96.4	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	65.3	92.3	94.8	96.0	96.4	96.6	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	65.4	92.6	95.2	96.4	96.9	97.1	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	65.4	92.6	95.3	96.5	97.1	97.3	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	65.4	92.7	95.5	96.7	97.3	97.5	98.0	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	65.4	92.8	95.7	97.0	97.6	97.8	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	65.4	92.8	95.7	97.0	97.6	97.9	98.5	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2
≥ 200	65.4	92.8	95.7	97.1	97.7	98.0	98.7	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5
≥ 100	65.4	92.8	95.7	97.1	97.7	98.0	98.7	99.2	99.3	99.5	99.7	99.8	99.8	99.8	99.8
≥ 0	65.4	92.8	95.7	97.1	97.7	98.0	98.7	99.2	99.3	99.5	99.8	99.8	99.8	99.8	99.8

2189

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45,51-75
YEARS

NOV
MONTH

2100-2300
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.6	65.6	68.9	70.1	70.6	70.7	71.2	71.3	71.3	71.7	71.8	71.8	72.0	72.1	72.2
≥ 20000	46.8	70.3	74.0	75.3	75.8	75.9	76.3	76.5	76.5	76.9	77.0	77.0	77.2	77.3	77.3
≥ 18000	46.8	70.4	74.0	75.3	75.8	76.0	76.4	76.6	76.6	76.9	77.0	77.0	77.2	77.3	77.4
≥ 16000	47.1	70.9	74.5	75.8	76.3	76.5	76.9	77.0	77.0	77.4	77.5	77.5	77.7	77.8	77.9
≥ 14000	47.8	71.7	75.4	76.7	77.2	77.3	77.8	77.9	77.9	78.3	78.4	78.4	78.6	78.7	78.8
≥ 12000	48.6	73.5	77.1	78.4	78.9	79.0	79.5	79.6	79.6	80.0	80.1	80.1	80.3	80.4	80.5
≥ 10000	49.4	74.7	78.3	79.7	80.2	80.3	80.8	80.9	80.9	81.3	81.4	81.4	81.6	81.7	81.8
≥ 9000	49.4	75.0	78.7	80.0	80.6	80.8	81.2	81.3	81.3	81.7	81.8	81.8	82.0	82.1	82.2
≥ 8000	49.6	76.1	79.8	81.1	81.6	81.8	82.2	82.4	82.4	82.8	82.9	82.9	83.0	83.2	83.2
≥ 7000	50.2	77.3	81.0	82.5	83.0	83.2	83.6	83.8	83.8	84.1	84.2	84.2	84.4	84.5	84.6
≥ 6000	50.7	78.2	81.9	83.4	83.9	84.1	84.5	84.7	84.7	85.1	85.2	85.2	85.3	85.5	85.6
≥ 5000	51.0	78.9	82.8	84.3	84.9	85.1	85.5	85.6	85.6	86.0	86.1	86.1	86.3	86.4	86.5
≥ 4500	51.3	79.5	83.4	84.9	85.5	85.6	86.1	86.2	86.2	86.6	86.7	86.7	86.9	87.0	87.1
≥ 4000	51.6	80.2	84.0	85.6	86.2	86.3	86.8	86.9	86.9	87.3	87.4	87.4	87.6	87.7	87.8
≥ 3500	51.8	80.5	84.5	86.1	86.6	86.8	87.3	87.6	87.6	87.9	88.1	88.1	88.2	88.3	88.5
≥ 3000	52.4	81.6	85.6	87.2	87.8	87.9	88.5	88.8	88.8	89.2	89.3	89.3	89.5	89.6	89.7
≥ 2500	52.8	83.0	87.3	89.0	89.5	89.7	90.3	90.6	90.6	90.9	91.1	91.1	91.2	91.3	91.5
≥ 2000	53.2	84.0	88.5	90.2	90.7	90.9	91.5	91.8	91.8	92.1	92.2	92.2	92.4	92.5	92.6
≥ 1800	53.4	84.5	88.9	90.6	91.2	91.3	91.9	92.2	92.2	92.6	92.7	92.7	92.9	93.0	93.1
≥ 1500	53.8	85.5	90.2	92.0	92.6	92.8	93.5	93.8	93.8	94.1	94.2	94.2	94.4	94.5	94.6
≥ 1200	53.9	85.9	90.7	92.5	93.2	93.3	94.0	94.3	94.3	94.6	94.8	94.8	94.9	95.1	95.2
≥ 1000	53.9	86.3	91.1	93.0	93.8	93.9	94.6	94.9	94.9	95.3	95.4	95.4	95.6	95.7	95.8
≥ 900	53.9	86.5	91.5	93.4	94.2	94.4	95.1	95.4	95.4	95.8	95.9	95.9	96.1	96.2	96.3
≥ 800	53.9	86.8	91.8	93.7	94.6	94.8	95.5	95.8	95.8	96.2	96.3	96.3	96.5	96.6	96.7
≥ 700	53.9	86.8	91.8	93.7	94.8	94.9	95.7	96.1	96.1	96.4	96.5	96.5	96.7	96.8	96.9
≥ 600	53.9	87.2	92.2	94.3	95.4	95.6	96.4	96.7	96.7	97.1	97.2	97.2	97.4	97.5	97.6
≥ 500	53.9	87.4	92.5	94.6	95.9	96.1	96.8	97.2	97.2	97.5	97.6	97.6	97.8	97.9	98.1
≥ 400	53.9	87.5	92.6	94.9	96.2	96.4	97.1	97.5	97.5	97.8	97.9	97.9	98.1	98.2	98.4
≥ 300	53.9	87.6	92.7	95.1	96.3	96.5	97.3	97.6	97.6	98.0	98.1	98.1	98.3	98.4	98.5
≥ 200	53.9	87.6	92.8	95.2	96.5	96.6	97.6	97.9	98.0	98.5	98.8	98.8	99.0	99.1	99.2
≥ 100	53.9	87.6	92.8	95.2	96.5	96.6	97.6	97.9	98.0	98.6	99.0	99.0	99.3	99.5	99.6
≥ 0	53.9	87.6	92.8	95.2	96.5	96.6	97.6	97.9	98.0	98.6	99.0	99.0	99.3	99.5	100.0

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-45, 51-60, 64, 66, 75 YEARS

DEC MONTH

0000-0200 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.0	49.3	52.5	55.8	58.4	58.7	59.7	59.8	59.8	60.2	60.7	60.7	61.2	61.4	62.1
≥ 20000	31.3	51.8	55.1	58.4	61.1	61.3	62.3	62.4	62.4	62.9	63.4	63.4	64.0	64.4	65.0
≥ 18000	31.3	51.9	55.1	58.4	61.2	61.4	62.4	62.6	62.6	63.1	63.5	63.5	64.1	64.5	65.1
≥ 16000	31.9	52.5	55.7	59.0	61.8	62.0	63.0	63.1	63.1	63.6	64.1	64.1	64.7	65.1	65.7
≥ 14000	32.0	52.9	56.1	59.5	62.3	62.5	63.5	63.7	63.7	64.1	64.6	64.6	65.2	65.6	66.2
≥ 12000	33.0	54.9	58.1	61.6	64.4	64.6	65.6	65.7	65.7	66.2	66.7	66.7	67.3	67.7	68.3
≥ 10000	33.3	55.5	59.1	62.6	65.4	65.6	66.6	66.7	66.7	67.2	67.7	67.7	68.3	68.7	69.4
≥ 9000	33.5	55.8	59.4	63.1	65.8	66.1	67.1	67.2	67.2	67.7	68.1	68.1	68.7	69.1	69.8
≥ 8000	34.2	57.0	60.7	64.4	67.3	67.5	68.5	68.7	68.7	69.3	69.7	69.7	70.4	70.7	71.4
≥ 7000	34.4	57.4	61.2	65.1	68.0	68.2	69.2	69.4	69.4	70.0	70.4	70.4	71.0	71.4	72.1
≥ 6000	34.8	58.1	61.9	65.7	68.7	68.9	69.9	70.0	70.0	70.7	71.1	71.1	71.7	72.1	72.8
≥ 5000	35.5	59.6	63.4	67.3	70.2	70.4	71.4	71.6	71.6	72.2	72.7	72.7	73.3	73.7	74.3
≥ 4500	36.0	60.2	64.1	68.0	71.0	71.2	72.2	72.4	72.4	73.0	73.4	73.4	74.0	74.4	75.1
≥ 4000	36.8	61.8	65.8	69.7	72.8	73.0	74.0	74.2	74.2	74.9	75.3	75.3	76.0	76.3	77.0
≥ 3500	37.3	62.7	66.7	70.7	73.7	74.0	75.0	75.1	75.1	75.8	76.3	76.3	76.9	77.3	78.0
≥ 3000	37.7	64.5	68.7	72.6	75.7	76.0	77.0	77.1	77.1	77.8	78.3	78.3	78.9	79.3	80.0
≥ 2500	38.1	65.4	69.8	73.9	77.1	77.3	78.3	78.5	78.5	79.2	79.6	79.6	80.3	80.6	81.3
≥ 2000	38.6	67.4	71.8	76.0	79.2	79.4	80.5	80.6	80.6	81.3	81.8	81.8	82.4	82.8	83.5
≥ 1800	38.7	67.6	72.1	76.3	79.5	79.7	80.8	81.0	81.0	81.6	82.1	82.1	82.7	83.1	83.8
≥ 1500	38.9	68.5	73.2	77.4	80.7	81.0	82.2	82.3	82.3	83.0	83.5	83.5	84.1	84.5	85.2
≥ 1200	39.2	69.7	74.6	79.1	82.4	82.6	83.9	84.0	84.0	84.7	85.2	85.2	85.8	86.2	86.9
≥ 1000	39.4	70.0	75.0	79.6	83.0	83.3	84.5	84.8	84.8	85.5	85.9	85.9	86.6	86.9	87.6
≥ 900	39.5	70.3	75.3	79.8	83.3	83.7	85.0	85.3	85.3	86.0	86.5	86.5	87.1	87.5	88.2
≥ 800	39.5	70.5	75.9	80.5	84.1	84.6	85.9	86.3	86.3	86.9	87.5	87.5	88.1	88.5	89.2
≥ 700	39.7	71.1	76.5	81.1	84.9	85.3	86.9	87.2	87.2	87.9	88.4	88.4	89.0	89.4	90.1
≥ 600	39.9	71.8	77.3	82.1	85.9	86.5	88.4	88.8	88.8	89.5	90.0	90.0	90.6	91.0	91.7
≥ 500	39.9	72.0	77.5	82.3	86.3	86.8	88.9	89.4	89.4	90.2	90.7	90.7	91.3	91.7	92.4
≥ 400	39.9	72.0	77.6	82.6	86.7	87.3	89.4	89.9	89.9	90.8	91.3	91.3	91.9	92.3	93.0
≥ 300	39.9	72.4	78.0	83.0	87.5	88.0	90.2	90.7	90.7	91.6	92.2	92.2	92.9	93.4	94.2
≥ 200	39.9	72.4	78.0	83.0	87.6	88.1	90.7	91.4	91.4	92.5	93.2	93.2	94.2	94.7	96.2
≥ 100	39.9	72.4	78.0	83.0	87.6	88.2	91.0	91.9	91.9	93.8	94.6	94.6	95.8	96.4	98.4
≥ 0	39.9	72.4	78.0	83.0	87.6	88.2	91.0	91.9	91.9	93.8	94.6	94.6	95.9	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1302

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45, 51-73, 75
YEARS

DEC
MONTH

0300-0500
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	26.8	45.6	48.2	50.5	52.8	52.9	54.1	54.3	54.3	55.1	55.6	55.6	56.1	56.3
≥ 2000	28.6	47.7	50.4	52.7	55.0	55.1	56.3	56.5	56.5	57.4	57.9	58.0	58.4	58.6
≥ 1800	28.8	47.9	50.7	53.0	55.2	55.3	56.5	56.8	56.8	57.7	58.1	58.2	58.6	58.8
≥ 1600	29.2	48.4	51.2	53.5	55.8	55.8	57.0	57.3	57.3	58.2	58.6	58.7	59.1	59.3
≥ 1400	29.7	49.5	52.4	54.7	57.0	57.1	58.3	58.5	58.5	59.5	59.9	60.0	60.4	60.6
≥ 1200	30.2	50.7	53.7	56.0	58.3	58.3	59.5	59.8	59.8	60.7	61.2	61.2	61.7	61.8
≥ 1000	31.0	52.3	55.2	57.6	60.0	60.0	61.2	61.5	61.5	62.4	62.9	63.4	63.5	64.4
≥ 900	31.0	52.7	55.7	58.1	60.4	60.5	61.7	61.9	61.9	62.9	63.3	63.4	63.8	64.0
≥ 800	31.7	54.0	57.0	59.4	61.7	61.8	63.0	63.3	63.3	64.2	64.7	64.7	65.2	65.4
≥ 700	32.1	54.6	57.8	60.2	62.5	62.6	63.9	64.1	64.1	65.1	65.5	65.6	66.0	66.2
≥ 600	32.7	55.5	58.7	61.2	63.6	63.7	64.9	65.2	65.2	66.1	66.6	66.6	67.1	67.3
≥ 500	33.4	57.0	60.2	62.7	65.1	65.2	66.4	66.7	66.7	67.6	68.1	68.1	68.6	68.8
≥ 400	33.8	57.6	60.8	63.2	65.7	65.7	67.0	67.3	67.3	68.2	68.6	68.7	69.1	69.3
≥ 300	34.4	58.7	62.0	64.6	67.2	67.3	68.5	68.8	68.8	69.7	70.1	70.2	70.6	70.8
≥ 200	34.9	59.7	63.1	65.7	68.3	68.4	69.6	69.9	69.9	70.8	71.3	71.3	71.8	72.0
≥ 100	35.6	62.0	65.5	68.2	70.8	70.9	72.2	72.4	72.4	73.4	73.9	73.9	74.4	74.5
≥ 0	36.3	63.2	66.7	69.5	72.2	72.2	73.5	73.7	73.7	74.7	75.2	75.2	75.7	75.9
≥ 1800	36.6	64.9	68.5	71.3	74.1	74.2	75.5	75.7	75.7	76.7	77.2	77.2	77.7	77.9
≥ 1600	36.8	65.2	69.0	71.7	74.5	74.6	75.9	76.2	76.2	77.1	77.6	77.7	78.1	78.3
≥ 1400	37.0	65.9	69.6	72.5	75.4	75.4	76.7	77.0	77.0	77.9	78.4	78.5	78.9	79.1
≥ 1200	37.1	67.4	71.4	74.5	77.5	77.6	78.9	79.2	79.2	80.1	80.6	80.7	81.1	81.3
≥ 1000	37.1	67.9	72.1	75.4	78.4	78.4	79.9	80.1	80.1	81.1	81.6	81.6	82.1	82.3
≥ 900	37.3	68.3	72.5	75.9	79.0	79.1	80.5	80.8	80.8	81.7	82.2	82.3	82.7	82.9
≥ 800	37.3	68.8	73.0	76.5	79.7	79.8	81.3	81.6	81.6	82.7	83.2	83.2	83.7	83.8
≥ 700	37.6	69.0	73.3	76.9	80.2	80.3	81.8	82.1	82.3	83.3	83.8	83.8	84.3	84.5
≥ 600	37.6	69.6	74.0	77.9	81.3	81.3	82.9	83.3	83.4	84.4	84.9	85.0	85.4	85.6
≥ 500	37.9	70.2	75.0	79.2	82.7	82.7	84.3	84.9	85.0	86.0	86.5	86.6	87.1	87.2
≥ 400	37.9	70.3	75.4	79.6	83.2	83.3	85.1	85.8	85.9	86.9	87.5	87.6	88.0	88.2
≥ 300	37.9	70.6	75.7	80.4	84.2	84.4	86.5	87.2	87.4	88.7	89.3	89.3	90.1	90.3
≥ 200	37.9	70.6	76.0	80.7	84.9	85.1	87.6	88.6	88.7	90.3	90.9	90.9	92.0	92.2
≥ 100	37.9	70.6	76.0	80.7	84.9	85.1	87.7	88.7	88.8	91.0	91.6	91.7	93.1	93.3
≥ 0	37.9	70.6	76.0	80.7	84.9	85.1	87.7	88.7	88.8	91.0	91.6	91.7	93.2	93.5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-45,51-75

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	21.9	36.4	39.4	42.6	45.6	45.7	46.5	47.0	47.0	47.6	48.1	48.1	48.5
≥ 20000	23.7	39.4	42.7	46.0	49.3	49.4	50.5	50.9	50.9	51.6	52.2	52.2	52.6
≥ 18000	23.7	39.5	42.8	46.1	49.4	49.5	50.6	51.0	51.0	51.7	52.3	52.3	52.7
≥ 16000	23.9	39.7	43.0	46.3	49.6	49.8	50.8	51.2	51.2	51.9	52.6	52.6	52.9
≥ 14000	24.4	40.9	44.3	47.8	51.0	51.2	52.3	52.7	52.7	53.4	54.0	54.0	54.4
≥ 12000	24.6	41.8	45.3	48.8	52.1	52.2	53.3	53.8	53.8	54.6	55.2	55.2	55.6
≥ 10000	25.4	43.2	46.8	50.2	53.6	53.8	54.9	55.4	55.5	56.3	57.0	57.0	57.4
≥ 9000	25.5	43.7	47.3	50.8	54.1	54.3	55.5	55.9	56.0	56.8	57.5	57.5	57.9
≥ 8000	26.1	45.1	48.7	52.2	55.7	55.8	57.0	57.5	57.6	58.4	59.1	59.1	59.5
≥ 7000	26.6	46.6	50.2	53.8	57.5	57.6	58.8	59.3	59.3	60.2	60.9	60.9	61.3
≥ 6000	27.0	47.4	51.2	54.8	58.7	58.8	60.1	60.6	60.6	61.5	62.2	62.2	62.6
≥ 5000	27.7	48.9	52.9	56.7	60.6	60.8	62.1	62.6	62.6	63.6	64.4	64.4	64.7
≥ 4500	28.2	49.7	53.7	57.5	61.5	61.6	63.0	63.5	63.5	64.4	65.2	65.2	65.6
≥ 4000	28.8	50.7	54.8	58.6	62.6	62.8	64.4	64.8	64.9	65.9	66.6	66.6	67.0
≥ 3500	29.2	51.7	55.8	59.6	63.6	63.9	65.4	65.9	65.9	67.0	67.7	67.7	68.1
≥ 3000	30.1	53.4	57.7	61.5	65.7	66.0	67.5	68.1	68.1	69.2	69.9	69.9	70.3
≥ 2500	30.9	55.1	59.5	63.4	67.6	67.9	69.4	70.0	70.0	71.1	71.8	71.8	72.2
≥ 2000	31.1	56.4	60.8	64.7	69.1	69.3	70.9	71.4	71.4	72.5	73.2	73.2	73.6
≥ 1800	31.2	56.7	61.2	65.1	69.4	69.7	71.2	71.8	71.8	72.9	73.6	73.6	74.0
≥ 1500	31.7	57.7	62.1	66.1	70.4	70.7	72.3	72.8	72.9	74.0	74.8	74.8	75.1
≥ 1200	31.9	58.8	63.5	67.4	72.0	72.3	74.0	74.5	74.6	75.7	76.5	76.5	76.9
≥ 1000	32.3	59.7	64.5	68.9	73.5	73.9	75.7	76.2	76.2	77.4	78.2	78.2	78.6
≥ 900	32.4	60.1	65.0	69.4	74.1	74.5	76.3	76.8	76.9	78.0	78.8	78.8	79.2
≥ 800	32.4	60.9	66.0	70.4	75.4	75.8	77.7	78.3	78.3	79.5	80.3	80.3	80.7
≥ 700	32.4	61.2	66.4	71.0	76.1	76.6	78.5	79.1	79.1	80.3	81.1	81.1	81.5
≥ 600	32.4	61.8	67.3	72.0	77.2	77.8	79.7	80.6	80.6	81.7	82.6	82.6	82.9
≥ 500	32.4	62.5	68.3	73.1	78.6	79.1	81.2	82.1	82.2	83.5	84.3	84.3	84.6
≥ 400	32.5	62.8	68.9	74.0	80.0	80.7	83.0	83.9	84.0	85.4	86.2	86.2	86.7
≥ 300	32.5	63.0	69.1	74.5	81.0	81.7	84.5	85.6	85.7	87.2	88.1	88.1	88.8
≥ 200	32.5	63.0	69.2	74.7	81.6	82.3	85.5	86.9	87.0	89.0	90.2	90.3	91.5
≥ 100	32.5	63.0	69.2	74.7	81.6	82.3	85.5	87.0	87.1	89.3	90.6	90.7	92.1
≥ 0	32.5	63.0	69.2	74.7	81.6	82.3	85.5	87.0	87.1	89.3	90.6	90.7	92.2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857 STATION

MOODY AFB GEORGIA/VALDDSTA

42-45,51-75

STATION NAME

YEARS

DEC

MONTH

0900-1100
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	27.0	42.4	44.3	45.6	46.6	46.6	46.7	46.9	46.9	47.0	47.1
≥ 20000	30.2	48.3	50.5	52.0	53.3	53.4	53.5	53.7	53.8	53.9	54.0
≥ 18000	30.3	48.5	50.7	52.3	53.5	53.6	53.7	53.9	54.0	54.1	54.2
≥ 16000	30.6	48.9	51.1	52.6	53.9	54.0	54.1	54.3	54.4	54.5	54.6
≥ 14000	30.9	49.8	52.0	53.6	54.9	55.0	55.1	55.3	55.3	55.5	55.6
≥ 12000	31.5	51.0	53.2	54.9	56.2	56.3	56.5	56.7	56.8	56.9	57.0
≥ 10000	32.3	52.7	55.1	56.9	58.3	58.5	58.7	58.9	59.0	59.1	59.3
≥ 9000	32.9	53.5	55.9	57.7	59.1	59.3	59.5	59.7	59.8	59.9	60.1
≥ 8000	33.5	55.0	57.6	59.6	61.0	61.2	61.4	61.6	61.6	61.8	61.9
≥ 7000	34.2	56.5	59.2	61.2	62.7	62.9	63.1	63.3	63.3	63.5	63.6
≥ 6000	34.5	57.6	60.5	62.5	64.2	64.3	64.6	64.8	64.8	65.0	65.1
≥ 5000	35.1	59.1	62.2	64.2	65.9	66.0	66.3	66.6	66.6	66.8	66.9
≥ 4500	35.4	59.7	62.8	64.9	66.6	66.7	67.0	67.3	67.3	67.5	67.6
≥ 4000	35.9	60.5	63.6	65.9	67.5	67.7	68.0	68.3	68.3	68.5	68.7
≥ 3500	36.3	61.8	65.0	67.3	69.0	69.2	69.5	69.8	69.8	70.0	70.1
≥ 3000	36.9	63.1	66.4	68.7	70.6	70.8	71.1	71.4	71.4	71.7	71.8
≥ 2500	37.6	64.2	67.7	70.0	72.0	72.1	72.5	72.7	72.8	73.0	73.1
≥ 2000	38.2	65.9	69.5	71.8	73.9	74.1	74.4	74.7	74.7	74.9	75.1
≥ 1800	38.4	66.5	70.1	72.5	74.7	74.8	75.2	75.4	75.5	75.7	75.8
≥ 1500	38.7	67.3	71.0	73.4	75.7	75.8	76.2	76.5	76.5	76.9	77.0
≥ 1200	39.2	68.7	72.6	75.2	77.6	77.8	78.2	78.5	78.6	78.9	79.0
≥ 1000	39.5	70.0	74.1	76.8	79.4	79.6	80.2	80.5	80.6	80.9	81.0
≥ 900	39.6	70.6	74.8	77.6	80.5	80.7	81.2	81.6	81.6	82.0	82.1
≥ 800	39.6	71.9	76.4	79.4	82.6	82.8	83.5	83.8	83.8	84.2	84.4
≥ 700	39.7	72.9	77.7	80.9	84.1	84.5	85.3	85.7	85.7	86.1	86.3
≥ 600	39.8	73.9	78.9	82.3	85.8	86.3	87.2	87.6	87.6	88.2	88.4
≥ 500	39.9	74.7	80.0	83.6	87.3	87.9	89.0	89.4	89.5	90.3	90.5
≥ 400	40.0	75.3	80.8	84.6	88.7	89.5	91.1	91.9	92.0	92.9	93.2
≥ 300	40.0	75.4	81.0	85.0	89.5	90.3	92.2	93.1	93.3	94.7	95.1
≥ 200	40.0	75.4	81.1	85.1	89.6	90.5	92.4	93.6	93.9	95.6	96.4
≥ 100	40.0	75.4	81.1	85.1	89.6	90.5	92.4	93.6	94.0	95.7	96.5
≥ 0	40.0	75.4	81.1	85.1	89.6	90.5	92.4	93.6	94.0	95.7	96.5

TOTAL NUMBER OF OBSERVATIONS

2371

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
ST ION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45, 51-75

YEA.S

DEC
MONTH

1200-1400
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16
NO CEILING	40.5	48.5	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 2000	47.1	56.8	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 1800	47.2	56.9	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 1600	47.5	57.3	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 1400	47.8	57.9	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 1200	48.7	59.2	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 1000	50.5	61.8	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 800	50.9	62.4	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 700	51.4	63.8	64.5	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 600	52.2	65.0	65.8	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 500	52.9	66.3	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 450	53.6	67.4	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 400	54.4	68.3	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 350	55.2	69.6	70.7	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 300	56.0	71.1	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 250	57.3	73.0	74.5	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1
≥ 200	58.9	75.4	77.0	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1800	61.0	79.0	80.7	81.2	81.4	81.4	81.5	81.6	81.6	81.7	81.7	81.7
≥ 1600	61.4	79.8	81.6	82.2	82.4	82.4	82.6	82.6	82.7	82.7	82.7	82.7
≥ 1500	62.0	81.6	83.5	84.1	84.3	84.3	84.5	84.6	84.7	84.7	84.7	84.7
≥ 1200	62.7	83.8	85.8	86.6	87.0	87.0	87.2	87.3	87.3	87.4	87.4	87.4
≥ 1000	63.0	85.8	88.2	89.0	89.6	89.6	89.9	89.9	90.0	90.1	90.1	90.1
≥ 900	63.0	86.3	88.8	89.7	90.2	90.2	90.6	90.7	90.8	90.9	90.9	90.9
≥ 800	63.2	87.0	89.8	90.9	91.5	91.5	91.9	92.0	92.1	92.4	92.5	92.5
≥ 700	63.2	87.6	90.7	91.9	92.6	92.6	93.0	93.2	93.3	93.5	93.6	93.6
≥ 600	63.3	87.9	91.1	92.6	93.6	93.7	94.3	94.5	94.6	95.0	95.1	95.1
≥ 500	63.3	88.3	91.8	93.5	94.7	94.9	95.8	96.3	96.4	96.9	97.0	97.0
≥ 400	63.3	89.0	92.7	94.5	96.1	96.6	97.7	98.3	98.4	98.9	99.1	99.1
≥ 300	63.3	89.1	92.8	94.7	96.2	96.7	97.9	98.7	98.8	99.5	99.6	99.6
≥ 200	63.3	89.1	92.8	94.7	96.2	96.7	98.0	98.8	98.9	99.6	99.8	99.8
≥ 100	63.3	89.1	92.8	94.7	96.2	96.7	98.0	98.8	98.9	99.6	99.8	99.8
≥ 0	63.3	89.1	92.8	94.7	96.2	96.7	98.0	98.8	98.9	99.6	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2471

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

13857

MOODY AFB GEORGIA/VALDOSTA

42-45, 51-75

DEC

STATION NAME

YEARS

MONTH

1500-1700

HOURLY (51)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2
NO CEILING	45.5	51.7	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000	53.9	61.7	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 18000	53.9	61.8	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 16000	54.0	62.0	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 14000	54.4	62.5	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 12000	56.2	65.0	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	57.6	67.2	67.9	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000	57.9	67.6	68.4	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 8000	59.2	70.0	70.8	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 7000	59.6	70.9	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 6000	60.0	71.5	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 5000	61.3	73.6	74.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	62.1	74.5	75.4	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4000	62.9	75.8	76.9	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3500	64.2	77.3	78.5	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3000	65.5	79.6	81.2	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2500	66.8	82.1	83.8	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	67.9	84.1	86.1	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1800	68.2	85.0	87.1	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1500	68.8	86.3	88.6	89.7	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1200	69.1	87.3	89.9	91.2	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1000	69.2	88.0	90.9	92.1	92.8	92.9	93.1	93.1	93.2	93.2	93.2	93.2
≥ 900	69.2	88.3	91.2	92.5	93.4	93.5	93.8	93.8	93.9	93.9	93.9	93.9
≥ 800	69.2	88.7	91.8	93.2	94.1	94.2	94.5	94.6	94.8	94.8	94.9	94.9
≥ 700	69.3	89.1	92.3	93.8	94.7	94.8	95.1	95.2	95.3	95.5	95.5	95.5
≥ 600	69.3	89.4	92.7	94.2	95.5	95.6	95.9	96.0	96.1	96.4	96.4	96.4
≥ 500	69.3	89.7	93.0	94.7	96.0	96.2	96.7	97.1	97.1	97.4	97.4	97.4
≥ 400	69.3	90.0	93.6	95.5	97.0	97.2	98.1	98.5	98.6	98.9	98.9	98.9
≥ 300	69.3	90.1	93.7	95.6	97.1	97.3	98.4	99.0	99.1	99.5	99.6	99.7
≥ 200	69.3	90.1	93.7	95.6	97.1	97.3	98.5	99.0	99.1	99.7	99.8	99.9
≥ 100	69.3	90.1	93.7	95.6	97.1	97.3	98.5	99.0	99.1	99.7	99.9	100.0
≥ 0	69.3	90.1	93.7	95.6	97.1	97.3	98.5	99.0	99.1	99.7	99.9	100.0

2377

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13857 MOODY AFB GEORGIA/VALDOSTA 42-45, 51-75 YEARS MONTH DEC 1800-2000 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY* (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	42.4	54.8	56.8	58.0	58.8	58.8	58.9	58.9	58.9	58.9	59.0	59.0
≥ 20000	47.8	61.8	63.9	65.2	66.1	66.1	66.1	66.1	66.1	66.2	66.3	66.3
≥ 18000	47.9	61.9	64.0	65.3	66.2	66.2	66.2	66.2	66.2	66.3	66.4	66.4
≥ 16000	48.0	62.1	64.2	65.6	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.6
≥ 14000	48.4	62.5	64.6	66.1	67.0	67.0	67.0	67.0	67.0	67.1	67.2	67.2
≥ 12000	50.1	64.9	67.0	68.5	69.4	69.4	69.4	69.4	69.4	69.5	69.6	69.6
≥ 10000	51.7	67.5	69.9	71.3	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4
≥ 9000	51.9	67.9	70.2	71.9	72.8	72.8	72.8	72.8	72.8	72.9	73.0	73.0
≥ 8000	53.0	70.0	72.5	74.1	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.3
≥ 7000	53.2	70.8	73.4	75.0	76.0	76.0	76.1	76.1	76.1	76.2	76.2	76.2
≥ 6000	53.8	72.1	74.7	76.3	77.4	77.4	77.4	77.4	77.4	77.6	77.6	77.6
≥ 5000	55.1	74.0	76.6	78.2	79.3	79.3	79.3	79.3	79.3	79.5	79.5	79.5
≥ 4500	55.7	75.0	77.6	79.3	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.6
≥ 4000	56.4	76.3	78.9	80.7	81.8	81.8	81.8	81.8	81.8	81.9	82.0	82.0
≥ 3500	57.2	77.6	80.3	82.1	83.2	83.2	83.3	83.3	83.3	83.4	83.5	83.5
≥ 3000	58.3	79.9	82.7	84.5	85.7	85.7	85.8	85.8	85.8	85.9	86.0	86.0
≥ 2500	58.9	81.1	84.0	85.9	87.3	87.4	87.5	87.5	87.5	87.6	87.6	87.6
≥ 2000	59.1	82.3	85.6	87.6	89.1	89.1	89.3	89.4	89.4	89.5	89.5	89.6
≥ 1800	59.1	82.7	86.0	87.9	89.6	89.7	89.8	89.9	89.9	90.0	90.0	90.1
≥ 1500	59.7	84.3	87.7	89.8	91.6	91.7	91.9	91.9	91.9	92.1	92.1	92.2
≥ 1200	59.9	84.8	88.5	90.6	92.7	92.7	93.0	93.1	93.1	93.3	93.3	93.4
≥ 1000	60.1	85.5	89.1	91.4	93.5	93.5	93.8	93.9	93.9	94.0	94.1	94.2
≥ 900	60.2	85.7	89.4	91.8	93.9	94.0	94.4	94.4	94.4	94.6	94.7	94.9
≥ 800	60.3	85.9	89.6	92.0	94.2	94.3	94.7	94.7	94.7	94.9	95.0	95.2
≥ 700	60.3	86.0	89.8	92.3	94.4	94.5	94.9	95.0	95.0	95.2	95.3	95.5
≥ 600	60.3	86.4	90.1	92.7	94.9	95.0	95.5	95.5	95.5	95.9	96.0	96.2
≥ 500	60.3	86.5	90.2	92.9	95.3	95.4	95.9	96.0	96.0	96.6	96.8	97.0
≥ 400	60.3	86.5	90.3	93.2	95.8	95.9	96.5	96.8	96.8	97.4	97.6	97.8
≥ 300	60.3	86.6	90.4	93.5	96.3	96.4	97.1	97.4	97.5	98.3	98.5	98.7
≥ 200	60.3	86.6	90.4	93.5	96.4	96.5	97.5	98.1	98.1	99.1	99.2	99.6
≥ 100	60.3	86.6	90.4	93.5	96.4	96.5	97.6	98.1	98.2	99.3	99.5	99.9
≥ 0	60.3	86.6	90.4	93.5	96.4	96.5	97.6	98.1	98.2	99.3	99.5	99.9

TOTAL NUMBER OF OBSERVATIONS 1898

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45,51-59,61,63-75
YEARS

DEC
MONTH

2100-2300
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	34.9	52.2	55.0	57.6	59.9	60.3	60.5	60.5	60.5	60.8	61.0	61.2
≥ 20000	37.1	55.6	58.5	61.2	63.5	64.0	64.1	64.2	64.2	64.4	64.7	64.9
≥ 18000	37.3	55.8	58.7	61.4	63.8	64.2	64.3	64.4	64.4	64.6	64.9	65.1
≥ 16000	37.4	56.2	59.1	61.8	64.2	64.6	64.7	64.8	64.8	65.0	65.3	65.5
≥ 14000	37.6	56.6	59.6	62.2	64.6	65.0	65.2	65.2	65.2	65.4	65.7	65.9
≥ 12000	38.8	58.9	62.2	64.8	67.2	67.6	67.7	67.8	67.8	68.0	68.3	68.5
≥ 10000	39.1	60.2	63.4	66.1	68.4	68.9	69.1	69.1	69.1	69.3	69.6	69.8
≥ 9000	39.2	60.5	63.8	66.5	68.9	69.3	69.6	69.6	69.6	69.8	70.1	70.3
≥ 8000	39.8	61.5	64.9	67.5	70.0	70.4	70.6	70.7	70.7	70.9	71.2	71.4
≥ 7000	40.0	62.2	65.7	68.4	70.9	71.4	71.6	71.7	71.7	71.9	72.2	72.5
≥ 6000	40.3	62.7	66.2	69.0	71.4	72.0	72.2	72.3	72.3	72.5	72.8	73.0
≥ 5000	41.6	65.1	68.6	71.6	74.0	74.6	74.8	74.9	74.9	75.1	75.3	75.6
≥ 4500	42.5	66.2	69.9	72.8	75.3	75.9	76.1	76.2	76.2	76.4	76.7	77.0
≥ 4000	43.5	68.6	72.3	75.2	77.8	78.4	78.6	78.7	78.7	78.9	79.2	79.5
≥ 3500	43.7	69.1	72.8	75.8	78.6	79.2	79.4	79.5	79.5	79.7	80.0	80.3
≥ 3000	44.8	70.7	74.4	77.5	80.4	81.0	81.2	81.4	81.4	81.6	81.9	82.2
≥ 2500	45.3	72.7	76.5	79.7	82.6	83.2	83.4	83.5	83.5	83.8	84.1	84.4
≥ 2000	46.0	74.0	77.9	81.1	84.1	84.7	85.1	85.2	85.2	85.5	85.8	86.0
≥ 1800	46.2	74.6	78.6	81.8	84.8	85.4	85.8	85.9	85.9	86.2	86.5	86.7
≥ 1500	46.2	75.6	79.7	82.9	86.0	86.5	87.0	87.2	87.2	87.6	87.8	88.1
≥ 1200	46.3	76.0	80.3	83.7	86.9	87.4	88.0	88.1	88.1	88.5	88.8	89.1
≥ 1000	46.4	76.4	80.8	84.4	87.6	88.1	88.7	88.9	88.9	89.3	89.6	89.9
≥ 900	46.4	76.5	80.9	84.6	87.8	88.4	89.0	89.3	89.3	89.7	90.1	90.5
≥ 800	46.5	76.7	81.2	84.9	88.2	88.8	89.7	90.0	90.0	90.4	90.8	91.3
≥ 700	46.6	77.0	81.6	85.3	88.8	89.5	90.4	90.8	90.8	91.4	91.8	92.2
≥ 600	46.6	77.4	82.2	86.0	89.5	90.2	91.3	91.7	91.7	92.3	92.7	93.2
≥ 500	46.6	77.7	82.5	86.5	90.1	90.8	92.0	92.6	92.6	93.2	93.6	94.1
≥ 400	46.6	77.9	82.8	87.1	90.9	91.6	92.9	93.6	93.6	94.3	94.7	95.2
≥ 300	46.6	78.3	83.2	87.4	91.5	92.2	93.6	94.5	94.5	95.3	95.7	96.2
≥ 200	46.6	78.4	83.4	87.6	91.8	92.6	94.3	95.3	95.3	96.5	96.9	97.6
≥ 100	46.6	78.4	83.4	87.6	91.8	92.7	94.4	95.5	95.5	97.0	97.3	98.1
≥ 0	46.6	78.4	83.4	87.7	91.9	92.7	94.5	95.6	95.6	97.1	97.4	98.2

1432

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER SUMMARY

The individual increments formerly reported in local sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

END

- 0 -

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS

0
1
2
3
4
5
6
7
8 (or obscured)

TENTHS

0
1
3
4
5
6
8
9
10

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13857

MOODY AFB GEORGIA/VALDOSTA

46,51-70

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
JAN	ALL	28.6	4.5	4.2	3.9	3.3	2.7	3.0	4.3	5.6	4.6	35.3	5.4 11463
FEB		28.4	4.6	3.8	3.6	3.2	2.5	3.2	4.2	5.5	4.9	36.1	5.5 10516
MAR		25.4	4.8	4.9	4.8	4.0	3.5	3.7	4.2	6.2	4.7	33.7	5.4 10972
APR		29.6	5.3	5.9	5.1	4.4	3.8	4.0	5.3	6.8	4.5	25.4	4.8 11399
MAY		24.1	5.5	6.6	6.1	5.5	5.0	4.5	6.3	8.5	5.2	22.7	5.0 11738
JUN		17.8	5.2	6.3	7.1	6.4	6.2	4.7	7.6	9.3	6.7	22.6	5.4 11125
JUL		10.9	4.6	6.9	7.3	6.9	7.5	5.7	8.8	10.8	8.0	22.6	5.8 11381
AUG		15.2	4.9	6.7	7.2	7.3	6.9	5.7	8.1	10.4	6.8	20.9	5.5 12086
SEP		18.8	5.4	6.1	5.5	5.5	4.8	4.8	6.4	8.1	6.3	28.3	5.6 11508
OCT		37.3	5.8	5.3	4.9	3.5	3.5	3.4	4.2	5.2	3.6	23.2	4.2 12371
NOV		35.9	5.7	4.7	4.4	3.5	3.1	3.3	4.6	5.7	4.1	24.9	4.4 11514
DEC		31.7	5.0	3.9	3.5	2.7	2.5	3.5	4.1	6.0	4.2	33.2	5.1 10510
TOTALS		25.3	5.1	5.4	5.3	4.7	4.3	4.1	5.7	7.3	5.3	27.4	5.2 136583

SKY COVER

JAN

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	41.9	3.0	4.0	3.5	3.4	1.0	3.2	3.3	4.2	3.0	29.4	4.4	931
/	03-05	38.6	1.5	2.9	3.3	3.3	1.9	1.9	2.9	3.7	2.5	37.4	5.0	1238
	06-08	26.6	4.6	4.1	3.5	2.7	2.0	2.7	4.3	5.3	4.8	39.4	5.7	1618
	09-11	22.5	4.9	3.0	2.3	2.3	2.2	2.4	4.6	6.4	7.0	42.3	6.2	1683
	12-14	19.4	5.7	3.7	3.2	2.7	3.6	4.0	4.8	7.0	7.4	38.6	6.2	1746
	15-17	17.7	5.2	4.9	4.2	4.5	4.1	4.2	5.5	7.7	6.2	35.8	6.1	1720
	18-20	24.7	6.7	5.6	5.9	4.2	3.4	2.9	5.4	6.7	4.2	30.3	5.2	1460
	21-23	37.2	4.3	5.1	5.2	3.4	3.7	3.0	3.6	3.9	1.8	28.9	4.4	1067
								/						
TOTALS		28.6	4.2	4.2	3.9	3.3	2.7	3.0	4.3	5.6	4.6	35.3	5.4	11463

SKY COVER

874

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	41.8	2.8	2.9	3.5	2.3	.9	3.0	2.4	4.3	3.2	32.9	4.6	864
	03-05	37.5	2.3	2.3	4.0	2.7	2.2	2.7	3.6	4.6	1.8	36.3	5.0	1128
	06-08	24.2	5.0	3.4	3.1	2.9	2.5	2.7	3.5	5.0	5.8	41.9	6.0	1469
	09-11	21.4	5.3	3.2	2.3	3.0	2.3	2.9	3.4	6.3	7.0	42.7	6.2	1540
	12-14	19.0	5.3	3.5	3.2	3.0	2.7	3.0	6.0	7.2	7.9	39.2	6.3	1608
	15-17	18.2	5.4	4.0	3.9	3.7	4.0	4.2	5.7	6.8	7.6	36.3	6.1	1585
	18-20	25.4	6.6	4.8	5.7	4.2	3.0	3.8	4.8	6.2	4.0	31.5	5.2	1341
	21-23	39.7	3.5	6.6	3.4	4.1	2.4	3.3	4.1	3.4	1.9	27.7	4.3	981
TOTALS		28.4	4.6	3.8	3.6	3.2	2.5	3.2	4.2	5.5	4.9	36.1	5.5	10516

SKY COVER

MAR

HLXOM

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

PROSECUTIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	47.7	2.7	5.3	4.4	4.0	1.2	2.8	2.9	3.5	1.9	23.6	3.7	902
	03-05	43.5	2.9	5.1	3.6	2.6	2.0	3.0	3.9	5.1	1.9	26.5	4.1	1227
	06-08	23.8	5.4	5.3	5.9	3.4	3.2	3.2	4.5	6.5	5.5	33.3	5.5	1576
	09-11	22.6	5.9	5.9	3.8	4.8	3.8	4.1	6.0	8.7	6.2	28.3	5.4	1652
	12-14	17.8	6.5	4.6	4.6	4.4	6.8	5.7	7.6	10.5	7.6	23.8	5.6	1728
	15-17	16.2	6.6	5.8	5.8	6.5	5.2	5.9	7.9	9.1	6.6	24.5	5.6	1707
	18-20	22.2	8.3	7.8	5.6	5.7	4.5	4.5	5.1	7.7	4.9	23.8	4.9	1483
	21-23	43.1	4.0	7.7	6.8	3.6	3.7	2.5	4.5	3.6	1.2	19.0	3.5	1124
TOTALS		29.6	5.3	5.9	5.1	4.4	3.8	4.0	5.3	6.8	4.5	25.4	4.8	11399

SKY COVER

46,52-70

REGION

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	49.9	2.9	6.0	4.2	3.6	2.2	3.6	4.4	4.7	1.7	16.8	3.3	937
	03-05	35.4	5.6	7.4	5.3	5.3	2.5	2.5	3.4	4.9	2.4	25.3	4.2	1339
	06-08	21.2	6.4	6.0	6.0	4.0	3.1	4.7	5.5	6.9	5.8	30	5.5	1624
	09-11	19.6	5.7	5.6	6.7	5.3	5.9	4.3	7.7	11.1	6.3	21.8	5.3	1708
	12-14	9.3	5.9	5.7	5.2	7.5	8.9	6.4	9.2	14.2	7.9	19.8	5.9	1769
	15-17	7.7	4.4	6.7	7.8	7.9	8.2	5.7	8.4	11.7	8.2	23.3	6.1	1736
	18-20	14.7	7.4	7.0	7.0	5.4	5.0	4.8	6.5	8.7	6.0	27.5	5.6	1493
	21-23	34.9	6.0	8.0	6.7	5.1	4.4	4.1	5.1	5.5	3.0	17.1	3.9	1132
TOTALS		24.1	5.5	6.6	6.1	5.5	5.0	4.5	6.3	8.5	5.2	22.7	5.0	11738

SKY COVER

72

PERIOD

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	32.1	7.0	9.0	8.8	6.8	5.5	3.3	5.1	5.4	3.2	13.9	3.7	886
	03-05	26.8	8.3	11.4	7.8	6.3	4.4	4.9	5.2	5.3	2.8	16.9	4.0	1328
	06-08	6.5	6.5	8.9	9.7	7.2	6.9	5.2	8.0	9.1	7.0	25.0	5.9	1581
	09-11	5.6	4.9	5.5	7.7	6.2	8.8	6.2	12.5	14.3	8.9	19.4	6.2	1652
	12-14	.5	1.4	3.0	6.6	9.4	12.4	7.9	13.2	14.5	10.4	20.7	6.8	1707
	15-17	.5	1.3	3.8	5.9	6.8	10.1	5.5	10.4	14.1	14.2	27.3	7.2	1651
	18-20	1.8	2.3	4.8	5.5	5.7	5.0	5.5	8.4	14.6	13.3	33.0	7.4	1447
	21-23	13.7	5.2	8.9	6.5	6.6	6.9	7.3	7.7	8.7	4.1	24.4	5.5	1129
TOTALS		10.9	4.6	6.9	7.3	6.9	7.5	5.7	8.8	10.8	8.0	22.6	5.8	11381

SKY COVER

Aug

QUESTION

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	37.3	4.6	8.2	8.0	7.1	3.0	4.3	4.6	6.2	2.9	14.0	3.6	941
	03-05	35.0	5.8	9.4	5.4	5.5	3.9	4.6	4.8	6.2	2.6	16.9	3.8	1410
	06-08	12.9	8.1	7.1	7.2	5.9	6.1	4.7	7.7	8.5	7.4	24.5	5.6	1685
	09-11	9.5	6.8	7.4	7.5	6.7	8.3	6.3	8.8	11.0	8.3	19.4	5.7	1753
	12-14	1.5	1.7	3.4	7.3	11.6	14.2	8.4	11.6	14.4	8.6	17.2	6.4	1814
	15-17	1.1	2.3	4.8	8.2	10.1	9.0	6.0	10.9	13.8	9.5	24.2	6.7	1770
	18-20	5.4	4.2	5.1	6.9	5.9	5.0	5.0	8.2	14.3	10.6	29.4	6.8	1529
	21-23	18.6	5.9	8.5	6.9	5.7	6.0	6.2	7.9	8.5	4.3	21.5	5.1	1164
TOTALS		15.2	4.9	6.7	7.2	7.3	6.9	5.7	8.1	10.4	6.8	20.9	5.5	12086

SKY COVER

535

PERIOD

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	40.5	4.5	5.9	5.1	2.8	2.2	2.5	4.1	4.8	3.8	22.8	4.0	959
	03-05	36.1	4.4	5.9	4.0	3.5	2.6	4.0	3.2	5.5	3.6	27.1	4.5	1330
	06-08	14.4	7.5	6.7	4.1	4.1	3.0	3.8	5.8	6.8	6.8	37.1	6.1	1592
	09-11	14.5	4.7	5.3	5.7	5.8	5.6	4.3	6.6	9.1	8.1	30.3	6.0	1601
	12-14	4.7	3.9	3.8	6.4	10.9	9.6	6.4	10.5	11.4	9.3	23.1	6.4	1722
	15-17	2.6	4.9	6.3	7.7	8.5	7.7	5.6	8.3	11.3	8.6	28.4	6.6	1666
	18-20	10.3	6.3	7.7	6.1	4.3	4.7	4.7	7.6	9.4	7.1	31.9	6.2	1474
	21-23	27.5	7.3	7.0	5.4	4.4	2.6	5.8	5.1	6.2	3.3	25.6	4.7	1104
TOTALS		18.8	5.4	6.1	5.5	5.5	4.8	4.8	6.4	8.1	6.3	28.4	5.6	11508

SKY COVER

130

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	54.7	3.4	3.9	3.1	2.0	2.8	2.1	2.9	2.8	2.1	20.1	3.2	1053
	03-05	50.7	3.2	3.9	3.5	2.4	1.3	2.6	2.8	4.0	2.7	22.9	3.6	1422
	06-08	34.1	6.6	5.3	3.9	2.8	2.7	2.6	3.2	4.8	4.0	30.1	4.7	1694
	09-11	33.5	6.9	4.0	5.1	3.2	2.6	3.5	4.1	5.3	4.5	27.4	4.6	1762
	12-14	22.6	7.1	5.7	6.2	5.1	6.5	4.5	6.4	8.5	5.0	22.4	5.0	1827
	15-17	21.1	8.3	7.9	6.7	5.7	6.0	4.1	5.6	7.5	4.8	22.3	4.9	1799
	18-20	32.4	7.3	7.1	5.7	3.5	3.2	4.8	5.0	5.3	4.1	21.5	4.3	1611
	21-23	49.5	3.3	4.2	5.3	3.6	2.7	3.2	3.9	3.1	1.9	19.2	3.4	1203
TOTALS		37.3	5.8	5.3	4.9	3.5	3.5	3.4	4.2	5.2	3.6	23.2	4.2	12371

SKY COVER

ADN

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	46.9	3.2	3.5	4.1	3.0	2.1	3.2	3.9	4.0	1.8	24.3	3.8	1022
	03-05	44.1	4.0	3.5	3.5	2.1	2.7	2.5	4.1	4.1	2.2	27.2	4.1	1240
	06-08	31.3	5.7	5.8	4.2	3.6	3.1	2.6	4.2	6.0	4.7	28.8	4.8	1561
	09-11	30.0	7.0	5.0	4.6	3.1	2.9	3.2	4.8	5.7	4.6	29.1	4.9	1639
	12-14	25.4	7.2	5.1	4.0	4.7	4.4	3.3	5.9	8.8	6.6	24.5	5.1	1710
	15-17	26.0	8.1	4.4	5.6	4.9	3.5	4.4	5.2	8.0	6.8	23.2	4.9	1687
	18-20	37.1	6.4	5.8	4.6	3.3	3.5	3.7	5.1	5.6	3.8	21.0	4.1	1506
	21-23	46.4	4.1	4.8	4.4	3.6	2.6	3.5	3.7	3.7	2.4	20.9	3.6	1149
TOTALS		35.9	5.7	4.7	4.4	3.5	3.1	3.3	4.6	5.7	4.1	24.9	4.4	11514

SKY COVER

DEF

PERIOD

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	45.4	3.1	2.7	2.4	2.5	1.7	3.6	2.9	4.9	1.7	29.3	4.2	841
	03-05	42.6	1.0	3.4	2.4	2.6	1.4	2.2	3.6	4.6	1.6	34.7	4.7	1088
	06-08	27.2	4.9	4.0	3.6	2.3	2.2	3.1	3.2	6.9	4.5	38.0	5.6	1456
	09-11	22.8	6.4	4.1	3.3	2.8	2.9	3.5	4.8	6.0	5.7	37.9	5.8	1620
	12-14	22.9	6.7	3.3	4.2	3.0	3.5	3.8	5.0	6.8	7.7	33.3	5.7	1684
	15-17	22.5	6.4	4.2	4.2	3.1	3.9	3.9	5.5	7.7	6.1	32.6	5.6	1630
	18-20	29.7	8.0	5.6	3.2	3.0	2.9	4.1	4.1	6.3	3.9	29.3	4.9	1283
	21-23	40.4	3.2	3.5	4.7	2.3	1.5	3.4	4.0	4.4	2.4	30.1	4.5	908
TOTALS		31.7	5.0	3.9	3.5	2.7	2.5	3.5	4.1	6.0	4.2	33.2	5.1	10510

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the ~~number~~ of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum x^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.

- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the wet standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING BRANCH
USAF ETAC

USAF ETAC

AIR WEATHER SERVICE/MAG

13557

MULTIPLY AER GERTIA/VALONSTA

STATION NAME

42-46, 51-76

YEARS

DAILY TEMPERATURES

MAX7219

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)**

[illegible]

DAILY TEMPERATURES

DATA PROCESSING BRANCH

USAF ETAC

AIR WEATHER SERVICE/MAC

13857 MUDDY AFB GEORGIA/VALDCSTA

STATION NAME

42-46, 51-76

YEARS

MINIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
90					.1	.4	1.1	1.7	.7				.0
85				.1	.6	2.2	4.7	4.1	3.6	.5			1.6
80				.7	1.6	3.8	20.3	22.5	9.1	2.4	.2		6.6
75			.6	2.7	4.9	14.9	92.0	89.6	50.3	11.1	1.3		29.6
70	.2	.5	1.5	6.3	20.2	68.3	99.9	99.1	87.2	30.1	6.4	3.0	43.3
65	2.0	2.8	7.9	20.9	60.1	93.5	100.0	100.0	96.8	52.1	17.8	9.6	54.4
60	7.5	8.8	23.9	47.7	81.8	99.2			99.3	72.9	31.3	19.2	64.6
55	17.9	20.2	40.6	71.7	95.1	99.9			99.8	86.2	50.1	31.6	73.3
50	29.8	35.3	56.8	85.5	99.1	100.0			99.9	94.6	66.7	46.5	81.5
45	42.4	53.9	75.5	94.8	99.9				100.0	98.3	80.9	61.6	88.3
40	60.1	69.9	87.1	99.4	100.0					99.9	92.8	78.3	94.3
35	77.5	86.5	95.3	100.0						100.0	95.6	84.7	96.0
30	82.6	90.0	98.0								98.2	92.0	98.0
25	91.7	95.1	98.9								99.6	97.7	99.4
20	97.4	98.6	99.9								99.9	99.9	99.9
15	99.2	99.6	100.0								100.0		100.0
10	99.9	100.0										100.0	100.0
5	100.0												100.0
MEAN	43.2	45.5	51.4	58.5	65.1	71.0	73.0	72.8	69.7	59.4	49.1	44.0	58.6
S D.	10.704	10.016	9.801	8.011	6.193	4.624	3.200	1.309	5.025	9.611	10.091	10.961	13.729
TOTAL OBS.	857	791	815	847	865	832	866	884	844	861	838	830	10150

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13857 MOODY AFB GEORGIA/VALDOSTA 42-46, 51-76 YEARS
STATION NAME

WHOLE DEGREES FAHRENHEIT

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42				94	94	96	103	99	99	99	86	82	
43	82	83	87	96	97	105	100	98	96	92	83	81	105
44	80	83	84	88	96	102	99	96	98	92	78	77	102
45	71	82	89	88	99	98	95	96	97	93	84	71	99
46	79	76		88	91*	94							
51						100		99	98	93	83	80	
52	79	77	83	85	93	103	98	97	93	89	83	77	103
53	78	77	84	88	99	98	94	97	92	86	80	78	99
54	78	78	86	90	92	104	101	100	98	94	76	75	104
55	77	79	88	90	95	97	96	97	93	88	85	79	97
56	76	82	83	87	95	94	94	97	93	86	83	79	97
57	82	84	83	88	94	93	97	97	95	82	84	74	97
58	71	78	77	91	92	96	95	94	94	90	85	78	96
59	79	81	81	87	94	99	94	97	94	93	85	75	99
60	78	74	81	88	94	95	94	95	90	85	80**	73	95
61	**	70**	82**	85**	91**	92**	97**	97**	94**	89**	90**	83	** 97
62	**	77**	86**	91**	99**	93**	98**	97**	94**	88**	78**	76	** 99
63	**	77**	78**	87**	94**	98**	94**	96**	92	85**	77**	70	** 98
64	**	72**	70**	80**	95**	97**	93	97**	98	92**	82**	79	** 98
65	**	76**	80	90**	94	93	93	95**	92	92**	79**	74	** 95
66	**	76**	75	86	88	91**	98	93**	96	97**	81**	79	** 98
67	**	78**	76	89**	95	94**	92	94**	91	90**	81**	81	** 95
68	**	77**	73	92**	93	97**	99	95**	94	90**	78**	77	** 99
69	**	78**	78	88**	92	99**	100	95**	97	87**	81**	78	** 100
70	**	79**	76	95**	91	98**	96	95**	93	90**	79**	78	** 98
71	**	77**	83	91**	93	101**	94	94**	93	92**	84**	81	** 101
72	**	78**	79	88**	87	95**	95	100**	95**	90**	86**	83	** 100
73	**	75**	73	84**	94	92**	93	92**	90**	89**	82**	77	** 94
74	**	79**	78	88	94	93**	94	93**	92**	85**	83**	74	** 94
75	*	81	83	89	94	93	93	96	94	87	83	77	** 96
MEAN													
S. D.													
TOTAL OBS.													

NOTES * (BASED ON < FULL MONTHS)
AT LEAST ONE DAY > 24 HRS

(FROM DAILY OBSERVATIONS)

42-46, 51-76

MOODY AFB GEORGIA/VALDOSTA

13857

YEARS

WHOLE DEGREES; FAHRENHEIT

[illegible]

	DATE	TIME	LOC	TYPE	STATUS	REMARKS
USAF ETAC FORM 0-88-5(OLI)						NOTES * (BASED ON < FULL MONTHS) # (AT LEAST ONE DAY < 24 DBS)

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13857 MUDDY AFB GEORGIA/VALDOSTA 42-46, 51-76 STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42				39	53	66	69	62	50	37	32	27	
43	28	21	23	40	58	68	69	65	57	36	35	23	21
44	29	29	37	39	50	68	67	67	64	44	35	25	25
45	31	27	46	43	49	65	69	68	63	46	29	24	24
46	29	34		47	55*	60							
51						66	66	65	65	46	30	24	
52	28	34	38	39	49	67	68	65	63	35	34	27	27
53	29	33	40	43	58	64	67	64	64	42	36	23	23
54	30	37	32	46	47	55	66	69	65	39	28	28	28
55	28	22	28	48	54	60	69	69	67	42	26	25	22
56	27	35	33	46	55	56	68	70	56	53	28	31	27
57	25	38	34	44	52	67	70	64	61	34	36	22	22
58	23	18	38	45	49	65	70	70	56	43	35	27	18
59	21	31	38	41	60	66	70	69	62	47	23	26	21
60	21	29	35	42	48	60	70	68	63	47	34**	22	21
61	30**	34**	39**	40**	56**	62**	68**	68**	60**	45**	36**	26	26
62	19**	29**	30**	40**	58**	66**	67**	69**	59**	39**	36**	9	9
63	16**	26**	39**	45**	50**	61**	67**	68**	58	38**	30**	23	16
64	21**	29**	35**	45**	56**	64**	69	67**	61	44**	40**	27	21
65	23**	27	35	46**	58	64**	68	69**	63	40**	34**	29	23
66	17**	26**	32	41	54	57**	70	66**	58	44**	30**	30	17
67	32**	27	39	50**	52	62**	65	63**	42	41**	31**	32	27
68	25**	26**	29	44**	52	66**	70	66**	62	36**	25**	22	22
69	28**	31	31	49**	49	67**	70	66**	62	49**	25**	28	25
70	13**	19	34	44**	51	61**	64	70**	54	55**	19**	30	13
71	21**	22	26	39**	44	60**	68	68**	64**	49**	35**	41	21
72	24**	30	36	43**	57	54**	68	70**	64**	48**	33**	27	24
73	26**	24	38	39**	52	66**	69	63**	64**	38**	36**	24	24
74	37**	25	40	41**	55	60**	67	68**	58**	44**	32**	29	25
75	29	30	32	42	57	67	66	69	53	46	31	21	21
MEAN													
S. D.													
TOTAL OBS.													

NOTES * (BASED ON < FULL MONTHS)
(AT LEAST ONE DAY < 24 OBS)

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
13857	MUDDY AFB GEORGIA/VALDOSTA	42-46, 51-76

WHOLE DEGREES FAHRENHEIT

[illegible]

	0-1	0-2	0-3	0-4	0-5	0-6	0-7	0-8	0-9	0-A	0-B	0-C	0-D	0-E	0-F	0-G	0-H	0-I	0-J	0-K	0-L	0-M	0-N	0-O	0-P	0-Q	0-R	0-S	0-T	0-U	0-V	0-W	0-X	0-Y	0-Z	0-AA	0-AB	0-AC	0-AD	0-AE	0-AF	0-AG	0-AH	0-AI	0-AJ	0-AK	0-AL	0-AM	0-AN	0-AO	0-AP	0-AQ	0-AR	0-AS	0-AT	0-AU	0-AV	0-AW	0-AX	0-AY	0-AZ	0-BA	0-BB	0-BC	0-BD	0-BE	0-BF	0-BG	0-BH	0-BI	0-BJ	0-BK	0-BL	0-BM	0-BN	0-BO	0-BP	0-BQ	0-BR	0-BS	0-BT	0-BU	0-BV	0-BW	0-BX	0-BY	0-BZ	0-CA	0-CB	0-CC	0-CD	0-CE	0-CF	0-CG	0-CH	0-CI	0-CJ	0-CK	0-CL	0-CM	0-CN	0-CO	0-CP	0-CQ	0-CR	0-CS	0-CT	0-CU	0-CV	0-CW	0-CX	0-CY	0-CZ	0-DA	0-DB	0-DC	0-DD	0-DE	0-DF	0-DG	0-DH	0-DI	0-DJ	0-DK	0-DL	0-DM	0-DN	0-DO	0-DP	0-DQ	0-DR	0-DS	0-DT	0-DU	0-DV	0-DW	0-DX	0-DY	0-DZ	0-EA	0-EB	0-EC	0-ED	0-EE	0-EF	0-EG	0-EH	0-EI	0-EJ	0-EK	0-EL	0-EM	0-EN	0-EO	0-EP	0-EQ	0-ER	0-ES	0-ET	0-EU	0-EV	0-EW	0-EX	0-EY	0-EZ	0-FA	0-FB	0-FC	0-FD	0-FE	0-FF	0-FG	0-FH	0-FI	0-FJ	0-FK	0-FL	0-FM	0-FN	0-FO	0-FP	0-FQ	0-FR	0-FS	0-FT	0-FU	0-FV	0-FW	0-FX	0-FY	0-FZ	0-GA	0-GB	0-GC	0-GD	0-GE	0-GF	0-GG	0-GH	0-GI	0-GJ	0-GK	0-GL	0-GM	0-GN	0-GO	0-GP	0-GQ	0-GR	0-GS	0-GT	0-GU	0-GV	0-GW	0-GX	0-GY	0-GZ	0-HA	0-HB	0-HC	0-HD	0-HE	0-HF	0-HG	0-HH	0-HI	0-HJ	0-HK	0-HL	0-HM	0-HN	0-HO	0-HP	0-HQ	0-HR	0-HS	0-HT	0-HU	0-HV	0-HW	0-HX	0-HY	0-HZ	0-IA	0-IB	0-IC	0-ID	0-IE	0-IF	0-IG	0-IH	0-II	0-IJ	0-IK	0-IL	0-IM	0-IN	0-IO	0-IP	0-IQ	0-IR	0-IS	0-IT	0-IU	0-IV	0-IW	0-IX	0-IY	0-IZ	0-JA	0-JB	0-JC	0-JD	0-JE	0-JF	0-JG	0-JH	0-JI	0-JJ	0-JK	0-JL	0-JM	0-JN	0-JO	0-JP	0-JQ	0-JR	0-JS	0-JT	0-JU	0-JV	0-JW	0-JX	0-JY	0-JZ	0-KA	0-KB	0-KC	0-KD	0-KE	0-KF	0-KG	0-KH	0-KI	0-KJ	0-KK	0-KL	0-KM	0-KN	0-KO	0-KP	0-KQ	0-KR	0-KS	0-KT	0-KU	0-KV	0-KW	0-KX	0-KY	0-KZ	0-LA	0-LB	0-LC	0-LD	0-LE	0-LF	0-LG	0-LH	0-LI	0-LJ	0-LK	0-LL	0-LM	0-LN	0-LO	0-LP	0-LQ	0-LR	0-LS	0-LT	0-LU	0-LV	0-LW	0-LX	0-LY	0-LZ	0-MA	0-MB	0-MC	0-MD	0-ME	0-MF	0-MG	0-MH	0-MI	0-MJ	0-MK	0-ML	0-MM	0-MN	0-MO	0-MP	0-MQ	0-MR	0-MS	0-MT	0-MU	0-MV	0-MW	0-MX	0-MY	0-MZ	0-NA	0-NB	0-NC	0-ND	0-NE	0-NF	0-NG	0-NH	0-NI	0-NJ	0-NK	0-NL	0-NM	0-NN	0-NO	0-NP	0-NQ	0-NR	0-NS	0-NT	0-NU	0-NV	0-NW	0-NX	0-NY	0-NZ	0-OA	0-OB	0-OC	0-OD	0-OE	0-OF	0-OG	0-OH	0-OI	0-OJ	0-OK	0-OL	0-OM	0-ON	0-OO	0-OP	0-OQ	0-OR	0-OS	0-OT	0-OU	0-OV	0-OW	0-OX	0-OY	0-OZ	0-PA	0-PB	0-PC	0-PD	0-PE	0-PF	0-PG	0-PH	0-PI	0-PJ	0-PK	0-PL	0-PM	0-PN	0-PO	0-PP	0-PQ	0-PR	0-PS	0-PT	0-PU	0-PV	0-PW	0-PX	0-PY	0-PZ	0-QA	0-QB	0-QC	0-QD	0-QE	0-QF	0-QG	0-QH	0-QI	0-QJ	0-QK	0-QL	0-QM	0-QN	0-QO	0-QP	0-QQ	0-QR	0-QS	0-QT	0-QU	0-QV	0-QW	0-QX	0-QY	0-QZ	0-RA	0-RB	0-RC	0-RD	0-RE	0-RF	0-RG	0-RH	0-RI	0-RJ	0-RK	0-RL	0-RM	0-RN	0-RO	0-RP	0-RQ	0-RR	0-RS	0-RT	0-RU	0-RV	0-RW	0-RX	0-RY	0-RZ	0-SA	0-SB	0-SC	0-SD	0-SE	0-SF	0-SG	0-SH	0-SI	0-SJ	0-SK	0-SL
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MCCLIPY AFB, GA

PERCENTAGE FREQUENCY OF EQUIVALENT CHILL TEMPERATURES
(DEC F) (HOURS-LST)

[illegible]

GET THE TIME WITH CHILL TO BE EQUAL TO OR COLDER THAN COLUMN HEATING

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857

MOODY AFB GEORGIA/VALDOOSTA

42-46, 51-76

ALL

STATION

STATION NAME

YEARS

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105																		3	3		
104/103																		4	4		
102/101																		13	13		
100/99																		88	88		
98/97																		334	334		
96/95																		857	858		
94/93																		1836	1839		1
92/91																		3342	3353		
90/89																		5056	5070		
88/87																		5767	5780		1
86/85																		6548	6566		8
84/83																		7150	7163		37
82/81																		7721	7732		199
80/79																		9253	9267		1725
78/77																		10674	10694		7294
76/75																		13602	13630		14936
74/73																		14324	14358		18397
72/71																		11886	11929		17595
70/69																		10444	10471		14562
68/67																		9175	9186		12051
66/65																		8784	8795		11604
64/63																		7841	7863		10615
62/61																		7177	7189		9312
60/59																		7072	7078		8646
58/57																		6279	6286		7850
56/55																		6008	6011		7603
54/53																		5126	5132		6606
52/51																		4899	4902		6240
50/49																		4780	4788		5978
48/47																		4143	4147		5829
46/45																		3703	3705		5632
44/43																		3120	3123		4902
42/41																		2779	2781		4396
40/39																		2444	2448		4114
Element (X)	Σ X ²																	Σ X		Mean No. of Hours with Temperature	
Rel. Hum.																		Σ 0 F		≥ 80 F	
Dry Bulb																		Σ 0 F		≥ 73 F	
Wet Bulb																		Σ 0 F		≥ 67 F	
Dew Point																		Σ 0 F		≥ 60 F	
Total																		Σ 0 F		≥ 53 F	

PSYCHROMETRIC SUMMARY

ALL
MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point		
38/ 37	.1	.3	.3	.2	.1	.0												1794	1796	3195	4239		
36/ 35	.0	.2	.3	.1	.0	.0												1447	1449	2820	4119		
34/ 33	.0	.2	.2	.1	.0	.0												1067	1069	1920	3701		
32/ 31	.0	.1	.2	.1	.0													775	775	1529	3419		
30/ 29	.0	.1	.1	.0	.0													562	562	1108	3141		
28/ 27	.0	.0	.1	.0	.0													317	317	764	2369		
26/ 25	.0	.0	.0	.0	.0													186	186	513	2247		
24/ 23	.0	.0	.0	.0	.0													121	122	310	1828		
22/ 21	.0	.0	.0	.0														45	45	156	1328		
20/ 19		.0	.0															22	22	90	1062		
18/ 17		.0	.0															11	11	24	849		
16/ 15		.0	.0															5	5	19	698		
14/ 13		.0																2	2	8	437		
12/ 11		.0																2	2	3	315		
10/ 9		.0																5	5	5	257		
8/ 7																				1	161		
6/ 5																					96		
4/ 3																					62		
2/ 1																		1			37		
0/ -1																					29		
-2/ -3																					11		
-4/ -5																					4		
TOTAL	4.722	117.51	2.5	9.7	8.5	7.6	6.3	4.9	3.1	1.8	.8	.0	.1	.0	.0	.0		198955	198593	198598	198590		
Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

43-46, 52-76
YEARS

JAN
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point								
82/ 81						.0	.0	.0	.0	.0	.0	.0						8	8										
80/ 79					.0	.0	.1	.1	.0	.0	.0	.0						33	33										
78/ 77				.0	.1	.1	.2	.2	.0	.0	.0	.0						121	121										
76/ 75				.1	.3	.4	.3	.1	.0	.0	.0	.0						203	203										
74/ 73			.1	.4	.4	.4	.3	.2	.0	.0	.0	.0						305	305										
72/ 71	.0	.3	.5	.6	.5	.3	.3	.2	.0	.0	.0	.0	.0					348	348		9								
70/ 69	.0	.3	.5	.6	.5	.3	.3	.2	.1	.1	.0	.0						490	490	106	17								
68/ 67	.0	.7	.9	.4	.5	.4	.4	.3	.2	.2	.0	.0						631	631	281	89								
66/ 65	.1	1.5	.7	.5	.4	.5	.3	.2	.2	.1								718	718	577	270								
64/ 63	.4	1.6	.7	.5	.5	.4	.3	.3	.2	.1								802	802	791	491								
62/ 61	.6	1.9	.7	.5	.6	.4	.2	.3	.3	.1	.0							855	856	770	738								
60/ 59	.8	1.8	.9	.5	.6	.5	.3	.4	.2	.2	.0							1004	1005	822	757								
58/ 57	.6	1.7	.8	.7	.7	.4	.6	.4	.3	.1								928	929	864	743								
56/ 55	.7	1.5	.7	.6	.6	.7	.4	.4	.4	.1								959	960	893	757								
54/ 53	.6	1.5	.7	.7	.7	.6	.6	.5	.3	.0								926	926	787	721								
52/ 51	.6	1.3	.8	.7	.7	.7	.5	.4	.1									863	864	873	732								
50/ 49	.5	1.5	1.2	.8	.8	.7	.4	.4	.1									988	991	830	674								
48/ 47	.6	1.3	1.0	.8	.7	.5	.3	.0										862	862	921	694								
46/ 45	.7	1.4	1.2	1.0	.6	.4	.1	.0										909	910	1102	744								
44/ 43	.3	1.6	1.5	.8	.5	.3	.0											842	842	972	709								
42/ 41	.4	1.6	1.4	.8	.5	.2	.0											813	813	1064	731								
40/ 39	.4	1.4	1.4	.8	.4	.2	.0											752	756	1080	818								
38/ 37	.4	1.1	1.0	.7	.3	.1												579	579	858	839								
36/ 35	.3	.9	1.0	.6	.2	.0												501	503	823	795								
34/ 33	.1	.9	.8	.5	.1													388	389	567	776								
32/ 31	.1	.6	.7	.3	.0													297	297	528	705								
30/ 29	.0	.4	.6	.2	.0													213	213	404	642								
28/ 27	.0	.2	.4	.0														115	115	268	565								
26/ 25	.0	.1	.2	.0														55	55	184	550								
24/ 23	.0	.1	.2	.0														41	42	103	431								
22/ 21	.0	.1	.1															26	26	61	367								
20/ 19	.0	.0	.0															11	11	30	353								
18/ 17	.0	.0	.0															9	9	15	247								
16/ 15	.0	.0	.0															5	5	10	194								
Element (X)	Σ X												Σ X ²		Mean No. of Hours with Temperature														
Rel. Hum.																													
Dry Bulb																													
Wet Bulb																													
Dew Point																													
																		≤ 0 F		≥ 32 F		≥ 67 F		≥ 80 F		≥ 90 F		Total	

PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 2

ALL
HOURS (L. S.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MODDY AFB GEORGIA/VALDOSTA
STATION NAME

43-46, 52-62, 67, 75-76
YEARS

FEB
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73				.1														1	1		
72/ 71		.1	.2															4	4		
70/ 69		.7	.9															20	20	5	1
68/ 67	.2	1.4	.6	.1														29	29	25	16
66/ 65	.5	3.5	.8	.3	.1													65	65	34	28
64/ 63	.7	2.2	1.2	.2	.2													57	57	59	60
62/ 61	.5	2.7	1.2	.6	.1	.1												65	65	43	41
60/ 59	1.7	3.0	1.5	.1	.1	.1												81	81	87	59
58/ 57	1.1	4.2	1.8	.6	.3	.1												103	103	76	81
56/ 55	.9	3.3	2.1	.7	.2	.1												93	93	84	64
54/ 53	.7	2.4	2.1	.8	.6	.2												86	86	76	87
52/ 51	.2	2.4	3.7	.9	.3	.1	.1											97	97	76	57
50/ 49	.7	2.5	2.5	1.2	.5	.2												96	96	83	60
48/ 47	.7	2.5	2.4	1.0	.7	.2												95	95	106	72
46/ 45	.4	1.4	2.1	2.0	.5	.2												83	83	83	78
44/ 43		1.1	2.5	1.0	.6	.1												67	67	57	70
42/ 41		1.3	2.2	.6	.2													54	54	60	59
40/ 39	.5	1.0	1.3	.9														46	46	93	54
38/ 37	.1	1.0	1.1	1.0	.1													40	40	57	54
36/ 35		.5	.9	.7	.1													27	27	46	60
34/ 33		.2	.6	.4	.1													16	16	38	54
32/ 31		.2	.3	.2														10	10	15	42
30/ 29			.4	.6														12	12	20	38
28/ 27		.1	.2	.5														9	9	10	27
26/ 25		.1	.1	.1														3	3	12	17
24/ 23																		1	1	10	23
22/ 21																				4	10
20/ 19																				1	13
18/ 17																					5
16/ 15																					8
14/ 13																					1
12/ 11																					4
10/ 9																					8
8/ 7																					6
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F										
Dry Bulb																					
Wet Bulb																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857

MOODY AFB GEORGIA/VALDOSTA

43-46, 52-76

FFB

STATION NAME

YEARS

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
86/ 85									.0	.0	.0	.0						6	6			
84/ 83									.0	.0	.0	.0						20	20			
82/ 81						.0	.0	.1	.1	.1	.0	.0						54	54			
80/ 79				.0	.0	.1	.2	.3	.2	.1	.0	.0						103	103			
78/ 77			.0	.0	.0	.2	.4	.5	.2	.1	.0	.1						212	212			
76/ 75			.0	.1	.3	.4	.5	.4	.4	.2	.0	.0						262	262			
74/ 73		.0	.1	.4	.4	.4	.4	.4	.4	.3	.1	.0						384	384	1		
72/ 71		.1	.4	.4	.4	.4	.4	.4	.4	.3	.1	.1	.0					474	474	18	3	
70/ 69	.1	.5	.8	.5	.5	.5	.5	.4	.4	.4	.2	.1	.0					640	640	147	26	
68/ 67	.2	1.0	.9	.6	.5	.5	.5	.4	.4	.4	.2	.1	.0					755	755	447	137	
66/ 65	.3	1.6	.8	.6	.5	.4	.4	.4	.4	.4	.2	.0						851	851	661	374	
64/ 63	.4	1.5	.6	.7	.5	.5	.3	.4	.4	.4	.1	.0						837	838	778	556	
62/ 61	.4	1.4	.8	.6	.5	.4	.4	.5	.4	.4	.1	.0						838	838	744	605	
60/ 59	.8	1.5	.9	.6	.4	.5	.6	.6	.4	.4	.1	.0						990	990	897	717	
58/ 57	.6	1.7	.9	.6	.6	.5	.6	.4	.2	.0								937	937	894	743	
56/ 55	.6	1.8	1.0	.7	.5	.6	.5	.5	.1	.0								979	980	937	741	
54/ 53	.6	1.5	.9	.7	.6	.5	.4	.3	.1									866	867	878	798	
52/ 51	.6	1.8	1.3	.7	.7	.5	.5	.2	.0									970	972	955	834	
50/ 49	.5	1.7	1.0	.9	.6	.7	.3	.1	.0									885	886	1014	710	
48/ 47	.5	1.5	1.0	1.0	.6	.5	.2	.0										832	835	1089	812	
46/ 45	.3	1.3	1.0	.8	.6	.4	.2	.0										715	715	962	757	
44/ 43	.2	.9	1.0	.7	.5	.3	.1											554	555	886	689	
42/ 41	.1	.9	1.1	.6	.4	.2	.1											518	519	797	613	
40/ 39	.3	.7	.9	.6	.3	.1	.0											450	450	807	651	
38/ 37	.2	.8	.6	.4	.2	.1												355	355	602	623	
36/ 35	.1	.6	.5	.4	.1	.0												258	258	556	735	
34/ 33		.2	.5	.3	.1													166	166	343	629	
32/ 31	.0	.3	.4	.3	.1													158	158	262	613	
30/ 29	.0	.2	.3	.2	.0													114	114	231	520	
28/ 27		.1	.2	.1	.0													58	58	154	408	
26/ 25		.1	.1	.1														43	43	120	435	
24/ 23		.0	.1	.0														19	19	74	335	
22/ 21		.0	.1															9	9	30	260	
20/ 19		.0	.1															10	10	23	186	
Element (X)	Σ X ²	Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			TOTAL		
Ref. Hum.																	Mean No. of Hours with Temperature			Total		
Dry Bulb																	≤ 0 F			≥ 32 F		
Wet Bulb																	≥ 67 F			≥ 73 F		
Dew Point																	≥ 80 F			≥ 93 F		

PSYCHROMETRIC SUMMARY

5 YEARS

FEB
MONTH

PAGE 2

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PSYCHROMETRIC SUMMARY

YEARS

MAR-
MONTH

PAGE 1

ALL
HOURS (U S T)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION

MOODY AFB GEORGIA/VALDDOSTA
STATION NAME

42-46,52-75

YEARS

APR
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
96/ 95														.0	.0			3	3								
94/ 93														.0	.0			4	4								
92/ 91										.0	.0	.0	.0	.1	.0			24	24								
90/ 89									.0	.1	.1	.1	.1	.1	.1	.0		81	81								
88/ 87							.0	.1	.2	.4	.2	.1	.1	.1	.0			214	214								
86/ 85							.0	.1	.4	.8	.5	.3	.2	.1	.0			446	446								
84/ 83					.0	.1	.3	.7	.8	.6	.5	.3	.2	.1				635	635								
82/ 81				.0	.2	.3	.7	.9	.9	.7	.5	.3	.2	.0				787	788								
80/ 79			.0	.1	.4	.7	1.0	.9	.9	.6	.5	.2	.1	.0				879	879								
78/ 77	.0		.1	.3	.8	.9	.8	.7	.5	.5	.5	.1	.0					946	946	1							
76/ 75		.1	.3	.9	1.1	.9	.8	.7	.5	.4	.3	.2	.0	.0				1054	1054	22	19						
74/ 73		.3	.9	1.0	.9	.8	.7	.6	.5	.4	.3	.1	.0	.0				1075	1075	185							
72/ 71	.0	.8	1.1	.9	.8	.6	.5	.4	.3	.2	.1	.0	.0					1050	1051	602	93						
70/ 69	.1	1.5	1.4	1.1	.8	.6	.6	.5	.4	.3	.2	.1	.0	.0				1252	1253	1306	375						
68/ 67	.4	2.2	1.6	.8	.7	.4	.5	.4	.3	.2	.1	.0	.0					1324	1326	1638	813						
66/ 65	.6	2.6	1.4	1.0	.7	.5	.5	.4	.3	.2	.1	.0	.0					1360	1361	1854	1176						
64/ 63	.6	2.2	1.2	.7	.6	.5	.4	.3	.2	.1	.0	.0	.0					1104	1108	1826	1443						
62/ 61	.5	1.9	1.0	.7	.6	.5	.4	.3	.2	.1	.0	.0	.0					995	995	1681	1477						
60/ 59	.4	1.5	.9	.7	.5	.4	.3	.3	.2	.1	.0	.0	.0					837	837	1390	1396						
58/ 57	.1	1.2	1.0	.6	.5	.3	.1	.2	.1	.0	.0	.0	.0					678	678	1233	1201						
56/ 55	.0	.7	.9	.5	.4	.3	.1	.1	.1	.0	.0	.0	.0					511	511	1073	1109						
54/ 53	.0	.4	.7	.5	.3	.2	.1	.0	.0	.0	.0	.0	.0					368	368	908	1025						
52/ 51	.0	.4	.6	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0					313	313	782	908						
50/ 49	.0	.3	.5	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0					239	239	628	825						
48/ 47	.0	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0					165	165	513	728						
46/ 45	.0	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0					115	115	382	665						
44/ 43	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0					81	81	236	704						
42/ 41	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0					46	46	156	542						
40/ 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					12	12	105	469						
38/ 37																		1	1	49	397						
36/ 35																				25	320						
34/ 33																				4	240						
32/ 31																					183						
30/ 29																					178						
Element (X)	Σ X ²			Σ X			X̄			No. Obs.			Mean No. of Hours with Temperature			Total											
Rel. Hum.													≤ 0 F			≤ 32 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																											
Wet Bulb																											

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MOODY AFB GEORGIA/VALDOSTA 42-46,52-75 MAY MONTH
STATION NAME YEARS
PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point
100/ 99																		6	6	
98/ 97																		18	18	
96/ 95																		66	66	
94/ 93																		162	162	
92/ 91																		328	328	
90/ 89																		622	622	
88/ 87																		781	781	
86/ 85																		979	980	
84/ 83																		1094	1094	
82/ 81																		1065	1065	1
80/ 79																		1136	1136	12
78/ 77																		1184	1184	49
76/ 75																		1272	1272	385
74/ 73																		1356	1356	1371
72/ 71																		1396	1396	2493
70/ 69																		1703	1706	3055
68/ 67																		1317	1318	2702
66/ 65																		881	882	2073
64/ 63																		527	530	1435
62/ 61																		401	405	979
60/ 59																		341	341	761
58/ 57																		247	247	630
56/ 55																		131	131	492
54/ 53																		73	73	305
52/ 51																		50	50	190
50/ 49																		17	17	130
48/ 47																		6	6	62
46/ 45																				22
44/ 43																		1	1	12
42/ 41																				1
40/ 39																				
38/ 37																				
36/ 35																				
34/ 33																				
Element (X)	Σ X																Σ X		Mean No. of Hours with Temperature	
Rel. Hum.																			Σ 80 F	
Dry Bulb																			Σ 73 F	
Wet Bulb																			Σ 93 F	
Total																			Total	

PSYCHROMETRIC SUMMARY

ALL
HOURS (L. S. T.)

SAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MUDDY AFB GEORGIA/VALDOSTA

42-46, 52-75

STATION NAME

YEARS

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL																	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
106/105																		3	3																	
104/103																	.0	4	4																	
102/101																		7	7																	
100/99																		39	39																	
98/97																		101	101																	
96/95																		253	253																	
94/93																		408	408																	
92/91																		774	775																	
90/89																		996	996																	
88/87																		1173	1173																	
86/85																		1152	1152																	
84/83																		1177	1177		2															
82/81																		1081	1081	29	2															
80/79																		1273	1273	318	14															
78/77																		1404	1406	1216	111															
76/75																		1762	1762	2755	701															
74/73																		1797	1800	3697	1947															
72/71																		1435	1439	3336	3248															
70/69																		809	817	2397	3490															
68/67																		340	345	1191	2405															
66/65																		188	191	619	1532															
64/63																		75	84	343	909															
62/61																		40	40	182	632															
60/59																		17	17	126	442															
58/57																		7	7	67	290															
56/55																		3	3	26	209															
54/53																		1	1	14	126															
52/51																				4	117															
50/49																					83															
48/47																					38															
46/45																					18															
44/43																					5															
42/41																					2															
Element (X)	Σ X ²			Σ X			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

PSYCHROMETRIC SUMMARY

JUN
MONTH

PAGE 2

ALL

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857

MOODY AFB GEORGIA/VALDOOSTA

42-45.51-75

STATION NAME

YEARS

JUL
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
102/101												.0	.0	.0				6	6			
100/99											.0	.1	.1	.1	.0			31	31			
98/97									.0	.1	.3	.1	.0	.0				94	94			
96/95								.0	.2	.6	.4	.1	.0	.0				218	218			
94/93							.0	.3	1.2	1.0	.3	.1	.0	.0				499	499			
92/91				.0	.0	.0	.4	1.6	2.0	.9	.1	.1						886	886			
90/89			.0	.0	.0	.5	2.1	2.9	1.6	.3	.1	.0						1301	1301			
88/87			.0	.0	.3	1.8	2.9	1.5	.4	.1	.0	.0						1214	1214			
86/85			.1	.2	1.5	3.0	1.6	.4	.2	.0	.0	.0					0	1218	1218	2	3	
84/83		.0	.1	1.2	2.8	2.1	.4	.2	.0	.0	.0	.0						1193	1193	14	13	
82/81		.0	.6	3.1	2.3	.6	.2	.0	.0	.0	.0	.0						1208	1208	49	34	
80/79	.0	.3	3.2	3.5	1.2	.3	.1	.0	.0	.0	.0	.0						1488	1488	596	202	
78/77	.1	2.3	5.2	2.2	.5	.1	.0	.0	.0									1769	1769	2551	1413	
76/75	.5	7.1	4.9	1.0	.1	.0	.0	.0	.0									2359	2359	4647	4088	
74/73	1.2	8.5	3.0	.4	.1	.0	.0	.0										2261	2263	4522	5448	
72/71	1.1	4.1	.7	.1	.0	.0	.0											1040	1042	3094	3455	
70/69	.3	1.0	.4	.1	.0													300	300	1225	1454	
68/67	.0	.3	.2	.0														91	91	307	606	
66/65		.0	.0															11	11	113	246	
64/63		.0																1	1	58	119	
62/61																				9	42	
60/59																					28	
58/57																					20	
56/55																					11	
54/53																					2	
52/51																				4	2	
50/49																					2	
TOTAL	3.123	7.18	5.11	9	8.8	8.6	7.8	7.0	5.6	3.0	1.3	.5	.2	.0				17188	17192	17188	17187	
Element (X)	Σ X												Σ X ²		Mean No. of Hours with Temperature						Total	
Rel. Hum.	1286673												74.916.673		17186		≥ 80 F		≥ 93 F		Total	
No. Bulb	101107317												80.84.845		17102		743.5		681.5		373.5	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MOODY AFB GEORGIA/VALDOOSTA 42-45,51-75

AUG
MONTH

YEARS

STATION NAME

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99									.0	.1	.2	.1	.0	.0	.0			12	12		
98/ 97									.0	.3	.6	.3	.1	.0	.0			103	103		
96/ 95			.0						1.3	1.1	.5	.0	.0	.0	.0			243	243		
94/ 93									1.5	1.4	.4	.1	.0	.0	.0			614	614	1	1
92/ 91									1.9	.9	.2	.0	.0	.0				913	913		
90/ 89									1.4	.4	.1	.0						1209	1209		
88/ 87									.5	.2	.0							1189	1189	1	
86/ 85									.3	.1	.0							1212	1212	6	
84/ 83									.2	.1	.0							1092	1092	21	2
82/ 81									.1	.0								1230	1231	118	20
80/ 79									.0									1456	1456	688	57
78/ 77									.0									1732	1732	2537	299
76/ 75									.0									2373	2378	4454	1466
74/ 73									.0									2209	2209	4460	4471
72/ 71									.0									1104	1104	3009	4965
70/ 69									.0									358	359	1197	3077
68/ 67									.0									109	109	410	1407
66/ 65									.0									45	45	183	700
64/ 63									.0									13	13	111	373
62/ 61																				24	249
60/ 59																				1	96
58/ 57																					23
56/ 55																					8
54/ 53																					3
52/ 51																					4
TOTAL	3.324	.618	.011	.8	8.6	7.9	7.9	6.7	5.8	3.4	1.5	.3	.1	.0	.0			17221	17223	17221	17221

Element (X)	ΣX ²	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	101792561	1291771	75.0	16.842	17219	≥ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	112995121	1389799	80.7	7.010	17223			741.5	673.6	371.5	42.0	744
Wet Bulb	94424251	1274113	74.0	3.026	17221			730.2	530.8	161.0		744

Element (X)	Mean No. of Hours with Temperature										No. Obs.		Total	
	Z _X ²	Z _X	X̄	σ _X	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Rel. Hum.	101792561	1291771	75.0	16.842							17219			
Dry Bulb	112995121	1389799	80.7	7.010							17223			
Wet Bulb	94426251	1274113	74.0	3.026							17221			

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MOODY AFB GEORGIA/VALDOOSTA

SEP
MONTH

YEARS

STATION NAME

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97										.0	.2	.4	.6	.8	1.0	1.2	1.4	18	18		
96/ 95										.0	.2	.4	.6	.8	1.0	1.2	1.4	74	75		
94/ 93								.1	.5	.9	1.3	1.7	2.1	2.5	2.9	3.3	3.7	140	143		
92/ 91							.1	.6	1.0	1.4	1.8	2.2	2.6	3.0	3.4	3.8	4.2	375	385		
90/ 89						.0	.6	1.0	1.4	1.8	2.2	2.6	3.0	3.4	3.8	4.2	4.6	743	757		
88/ 87					.1	.7	1.1	1.5	1.9	2.3	2.7	3.1	3.5	3.9	4.3	4.7	5.1	962	975		
86/ 85				.0	.4	1.0	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2	5.6	1083	1100		
84/ 83			.0	.2	1.0	1.6	2.2	2.8	3.4	4.0	4.6	5.2	5.8	6.4	7.0	7.6	8.2	1076	1089		
82/ 81		.0	.2	1.0	1.6	2.2	2.8	3.4	4.0	4.6	5.2	5.8	6.4	7.0	7.6	8.2	8.8	1023	1031	2	
80/ 79		.1	1.2	2.3	3.4	4.5	5.6	6.7	7.8	8.9	10.0	11.1	12.2	13.3	14.4	15.5	16.6	1148	1162	108	
78/ 77	.0	.9	2.8	4.1	5.4	6.7	8.0	9.3	10.6	11.9	13.2	14.5	15.8	17.1	18.4	19.7	21.0	1337	1355	895	36
76/ 75	.2	4.1	5.8	7.1	8.4	9.7	11.0	12.3	13.6	14.9	16.2	17.5	18.8	20.1	21.4	22.7	24.0	1861	1889	2414	451
74/ 73	1.0	6.9	8.3	9.7	11.0	12.3	13.6	14.9	16.2	17.5	18.8	20.1	21.4	22.7	24.0	25.3	26.6	2247	2276	3426	2099
72/ 71	1.4	5.9	7.1	8.4	9.7	11.0	12.3	13.6	14.9	16.2	17.5	18.8	20.1	21.4	22.7	24.0	25.3	1828	1863	3449	3468
70/ 69	.7	3.0	4.1	5.4	6.7	8.0	9.3	10.6	11.9	13.2	14.5	15.8	17.1	18.4	19.7	21.0	22.3	1026	1039	2380	3248
68/ 67	.4	1.6	2.3	3.0	3.7	4.4	5.1	5.8	6.5	7.2	7.9	8.6	9.3	10.0	10.7	11.4	12.1	718	720	1305	2182
66/ 65	.2	1.1	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.1	8.6	420	425	1005	1519
64/ 63	.2	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	257	257	652	1090
62/ 61		.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	106	106	357	780
60/ 59		.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	90	90	246	540
58/ 57	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	44	44	169	358
56/ 55	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	22	22	108	290
54/ 53		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	12	53	208
52/ 51			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	28	130
50/ 49				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	11	94
48/ 47					.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	2	61
46/ 45																				5	19
44/ 43																				2	10
42/ 41			.0															1	1	4	4
40/ 39																				1	6
38/ 37																					6
36/ 35																					13
34/ 33																					1
Element (X)	Mean No. of Hours with Temperature																No. Obs.		Total		
Rel. Hum.	≤ 0 F																≤ 32 F		≤ 80 F		
Dry Bulb	≤ 0 F																≤ 32 F		≤ 80 F		
Wet Bulb	≤ 0 F																≤ 32 F		≤ 80 F		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13857
STATION

STATION NAME
MOODY AFB GEORGIA/VALDOSTA

42-45,51-75

YEARS

SEP
MONTH

PAGE 2

ALL
HOURS (L. S.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MODDY AFB GEORGIA/VALDOSTA
STATION NAME

42-45, 51-75

YEARS

OCT
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93									.0	.0	.0							9	9		
92/ 91								.0	.0	.1	.1	.0		.0				42	42		
90/ 89								.0	.1	.2	.1	.0	.0	.0				96	96		
88/ 87							.0	.2	.3	.2	.1	.0	.0					204	204		
86/ 85							.0	.2	.4	.5	.2	.1	.0	.0	.0			369	369		
84/ 83			.0	.0	.0	.2	.5	.7	.8	.5	.2	.1	.0	.0	.0			608	608		
82/ 81		.0	.0	.2	.5	.6	.9	.8	.7	.5	.3	.0	.0	.0	.0			802	803		3
80/ 79		.1	.1	.4	.7	.9	.9	1.0	.6	.4	.3	.1	.0	.0	.0			958	958		1
78/ 77	.0	.4	.4	.6	.9	.8	1.0	.9	.5	.3	.2	.1	.0					1003	1003	43	3
76/ 75		.9	.8	1.0	.8	.8	.9	.5	.4	.3	.2	.1	.0					1102	1102	249	14
74/ 73	.0	.9	1.1	1.1	.9	.6	.7	.4	.3	.2	.1	.0						1155	1155	650	183
72/ 71	.5	2.1	1.3	1.1	.8	.7	.5	.4	.3	.2	.1	.0						1417	1418	1204	594
70/ 69	.5	2.3	1.9	1.3	.7	.7	.5	.3	.2	.1	.0							1567	1567	1673	982
68/ 67	.6	2.2	2.0	1.6	.7	.5	.3	.2	.2	.1	.0			.0				1375	1375	1722	1222
66/ 65	.6	2.1	1.5	1.0	.6	.5	.3	.3	.2	.1	.0							1296	1296	1938	1477
64/ 63	.6	2.1	1.3	1.0	.5	.4	.2	.2	.1	.1	.0							1159	1159	1729	1515
62/ 61	.5	1.9	1.1	.9	.5	.3	.2	.2	.1	.0								998	998	1549	1527
60/ 59	.3	1.5	1.2	.9	.5	.2	.2	.1	.0									869	869	1383	1474
58/ 57	.2	1.1	1.1	.6	.3	.2	.1	.1	.0									657	657	1146	1291
56/ 55	.1	.9	.8	.6	.4	.2	.1	.0										543	543	1087	1174
54/ 53	.1	.6	.6	.5	.2	.2	.0	.0										390	390	791	1053
52/ 51	.1	.5	.7	.4	.2	.1	.0											347	347	615	893
50/ 49	.0	.4	.5	.3	.2	.1	.0											273	273	554	720
48/ 47	.0	.3	.3	.2	.2	.0												182	182	450	662
46/ 45	.0	.2	.2	.2	.2	.1	.0											115	115	336	608
44/ 43	.0	.1	.2	.1	.0													83	83	207	516
42/ 41		.1	.1	.1	.0													51	51	169	350
40/ 39		.1	.1	.0														31	31	123	329
38/ 37	.0	.1	.0	.0														24	24	54	258
36/ 35		.0	.0	.0														10	10	41	221
34/ 33		.0																3	3	17	179
32/ 31																			5		174
30/ 29																					119
28/ 27																					74
Element (X)	ΣX ²			ΣX			X̄			No. Obs.			Mean No. of Hours with Temperature					Total			
Rel. Hum.																		≥ 80 F			≥ 93 F
Dry Bulb																					
Wet Bulb																					
Dew Point																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MMDDY AFB GEORGIA/VALDOSTA

42-45, 51-75

YEARS

130
MONTH

PAGE 2

ALL
HOURS (L: S: T:)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA

42-45.51-75

NOV
MONTH

YEARS

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb		
90/ 89										.0	.0	.0						7	7			
88/ 87										.0	.0	.0						5	5			
86/ 85							.0	.1	.1	.0	.0							15	15			
84/ 83				.0	.1	.1	.3	.6	.4	.1	.1	.0	.0					61	61			
82/ 81					.1	.2	.5	.6	.5	.2	.1	.0	.0					151	151			
80/ 79				.0	.1	.3	.6	.4	.1	.1	.0	.0	.0	.0				271	271			
78/ 77			.0	.1	.2	.5	.7	.6	.5	.2	.1	.0	.0	.0				395	395	2		
76/ 75		.0	.2	.2	.5	.7	.6	.5	.3	.2	.1	.0						572	572	7		
74/ 73	.0	.1	.2	.4	.6	.7	.6	.4	.3	.2	.1	.0						637	637	59		
72/ 71	.0	.3	.4	.5	.6	.6	.7	.3	.3	.2	.1	.0						707	707	144		
70/ 69	.1	.8	.8	.8	.7	.6	.4	.3	.4	.2	.1	.0						879	879	387		
68/ 67	.2	1.1	1.1	.9	.5	.4	.5	.5	.3	.2	.1	.0						960	960	750		
66/ 65	.7	1.6	1.2	.7	.5	.5	.6	.4	.4	.2	.1							1147	1147	1008		
64/ 63	.7	1.8	1.2	.7	.5	.5	.4	.5	.4	.1	.0							1124	1125	1135		
62/ 61	.6	2.0	.9	.7	.5	.6	.5	.4	.3	.0								1077	1080	1223		
60/ 59	.7	1.7	.9	.6	.5	.6	.5	.4	.2	.0								1036	1036	1174		
58/ 57	.7	1.8	.8	.6	.6	.5	.5	.3	.1	.0								1006	1007	1045		
56/ 55	.8	1.6	1.0	.8	.8	.7	.3	.3	.0									1072	1072	1101		
54/ 53	.3	1.5	1.0	.8	.7	.5	.4	.2	.0									887	887	1003		
52/ 51	.3	1.2	1.0	.8	.7	.5	.3	.1										812	812	1038		
50/ 49	.3	1.0	1.4	.9	.7	.4	.2	.1										819	821	1010		
48/ 47	.2	1.1	.9	.8	.6	.3	.0											668	668	976		
46/ 45	.1	.9	1.1	.7	.5	.2	.0											589	589	983		
44/ 43	.1	.9	.9	.7	.3	.1	.0											493	493	821		
42/ 41	.1	.7	.7	.5	.2	.1												387	387	751		
40/ 39	.0	.6	.8	.5	.1	.0												336	336	648		
38/ 37	.0	.5	.5	.3	.0	.0												225	225	476		
36/ 35	.0	.3	.4	.1	.1													164	164	375		
34/ 33	.0	.2	.3	.1	.0													102	103	240		
32/ 31	.0	.1	.1	.0	.0													51	51	173		
30/ 29	.0	.2	.1	.0	.0													52	52	99		
28/ 27	.0	.0	.0	.0	.0													16	16	62		
26/ 25		.0	.0	.0														9	9	23		
24/ 23		.0	.0	.0														11	11	16		
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																						
Wet Bulb																						

PSYCHROMETRIC SUMMARY

NOV
MONTH

PAGE 2

ALL
HOURS (L-S)

FORM 0-26-5 (OL A) JUL 64
SAFETAC
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 1

ALL
HOURS (L.S.)

[illegible]

PSYCHROMETRIC SUMMARY

DEC
MONTH

YEARS

PAGE 2

ALL
HOURS (L. S.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

43-46, 52-60, 62, 75-76
YEARS

JAN
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE, DEPRESSION (F)																	TOTAL		TOTAL										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point									
70/ 69		.4	.4															12	12	2	2									
68/ 67		1.0	.2															16	16	5	1									
66/ 65	.3	2.0	.1															33	33	33	24									
64/ 63	.4	2.2	.1															37	37	35	35									
62/ 61	.7	2.8	.6	.1														58	58	46	46									
60/ 59	.8	2.8	1.5	.4	.1	.1	.1											78	78	49	44									
58/ 57	1.1	3.5	.9	.3	.1	.1	.1											80	81	69	51									
56/ 55	1.4	2.3	.7	.3	.1	.1	.1											67	67	87	93									
54/ 53	.7	3.0	.6	.4	.3	.1	.1											69	69	57	42									
52/ 51	1.5	3.2	1.2	.5	.2	.1	.1											90	90	78	78									
50/ 49	.6	2.8	1.9	.7	.4													87	87	59	63									
48/ 47	.8	2.5	1.6	.7	.4													80	80	81	62									
46/ 45	.9	1.1	2.8	1.0	.2													82	82	80	51									
44/ 43	.1	2.9	3.7	1.3	.2													111	111	51	42									
42/ 41	.2	3.0	1.9	1.1	.1	.1												85	85	103	69									
40/ 39	.8	2.7	2.6	1.0	.1	.1												97	97	117	83									
38/ 37	.3	1.5	2.3	1.0	.3													73	73	80	84									
36/ 35	.4	1.3	2.0	1.2	.2													69	69	78	75									
34/ 33		.7	1.7	1.0	.1													46	46	60	62									
32/ 31	.2	.8	.8	.1	.1													28	28	33	66									
30/ 29		.5	.6	.4														20	20	55	52									
28/ 27		.1	.7	.1														12	12	25	38									
26/ 25			.4															5	5	14	46									
24/ 23		.1																1	1	15	27									
22/ 21																				2	27									
20/ 19																					22									
18/ 17																					10									
16/ 15																					15									
14/ 13																					11									
12/ 11																					6									
10/ 9																					3									
8/ 7																					3									
6/ 5																					2									
4/ 3																					1									
Element (X)	Σ X																	Σ X ²		Σ X		Σ X ²								
Rel. Hum.																														
Dry Bulb																														
Wet Bulb																														
Mean No. of Hours with Temperature																			≥ 0 F		≥ 32 F		≥ 67 F		≥ 80 F		≥ 93 F		Total	

DATA PROCESSING BRANCH
JCSAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857	STATION	MOODY AFB GEORGIA/VALDOSTA	STATION NAME	43-46, 52-60, 62, 75-76	YEARS	JAN	MONTH
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[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MOODY AFB GEORGIA/VALDOOSTA 43-46,52-76

JAN
MONTH

YEARS

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL															
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
74/ 73			.1															1	1																
72/ 71		.1																1	1																
70/ 69		.3	.2	.1														11	11	5	1														
68/ 67	.1	.4	.2		.1													14	14	6	10														
66/ 65	.3	1.8	.2															41	41	28	14														
64/ 63	.9	1.7	.1															46	46	53	54														
62/ 61	.9	2.0	.1															53	53	47	54														
60/ 59	1.8	2.6	.6															87	87	73	62														
58/ 57	2.4	2.4	.4															74	74	84	70														
56/ 55	2.0	2.0	.6			.1												81	81	78	81														
54/ 53	1.4	3.1	.5		.1	.2												91	91	63	66														
52/ 51	1.6	1.8	.4	.5	.2	.1												73	78	89	79														
50/ 49	1.4	2.6	1.0	.4	.1													97	98	67	73														
48/ 47	1.2	2.4	1.4	.2	.2	.1												95	95	69	66														
46/ 45	1.2	3.3	1.6	.7	.1													110	119	116	67														
44/ 43	.7	3.1	2.7	.7	.2													129	129	93	71														
42/ 41	.5	3.7	2.0	.8	.2	.1												127	127	116	75														
40/ 39	1.0	2.8	2.2	.7														116	117	141	105														
38/ 37	.3	2.5	2.0	.5														92	92	90	117														
36/ 35	.5	2.3	2.4	.9	.1													107	107	116	93														
34/ 33	.2	2.7	2.0	.6	.1													98	98	84	91														
32/ 31	.2	1.0	1.5	.6	.1													59	59	95	74														
30/ 29	.1	1.6	1.6	.2														60	60	81	71														
28/ 27	.1	.5	1.1															28	28	60	78														
26/ 25		.2	.6															13	13	33	60														
24/ 23		.2	.3															10	11	26	42														
22/ 21	.2	.1	.2															7	7	13	36														
20/ 19		.1	.1															1	1	7	34														
18/ 17		.1																2	2	2	28														
16/ 15																			3	3	19														
14/ 13																					20														
12/ 11																					7														
10/ 9																					7														
8/ 7																					7														
Element (X)	Σ X ²			Σ X			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature						Total													
Rel. Hum.																≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total	
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MOODY AFB GEORGIA/VALDOSTA 43-46,52-76

STATION NAME STATION NAME YEARS MONTH JAN

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL											
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
74/ 73		.0	.1															2	2	7	3											
70/ 69		.3	.0															9	9													
68/ 67	.1	.9	.4	.0														35	35	11	11											
66/ 65	.1	1.4	.4															45	45	31	19											
64/ 63	.7	2.1	.1															67	67	67	67											
62/ 61	1.0	2.5	.0	.0														82	82	90	80											
60/ 59	1.5	2.4	.3	.0														98	98	86	87											
58/ 57	1.3	2.9	.2	.0														104	104	91	90											
56/ 55	1.4	2.6	.4	.1	.0													108	108	106	106											
54/ 53	2.0	2.3	.3			.0												109	109	113	101											
52/ 51	.9	2.5	.3	.3	.1	.2												102	102	85	89											
50/ 49	1.0	2.4	.7	.2	.2													105	107	103	82											
48/ 47	.9	2.5	1.0	.4	.1	.0												117	117	73	90											
46/ 45	1.5	2.5	1.2	.7														136	136	134	93											
44/ 43	.7	3.2	1.9	.3	.0													144	144	106	89											
42/ 41	.8	3.8	1.8	.9	.1													170	170	149	89											
40/ 39	.8	4.2	1.7	.6	.0	.1												173	176	171	126											
38/ 37	.9	2.5	1.7	.5		.0												131	131	156	151											
36/ 35	.6	2.5	2.1	.6														133	135	134	129											
34/ 33	.3	2.5	1.7	.5														115	116	114	118											
32/ 31	.3	2.8	2.3	.5														136	136	135	96											
30/ 29	.2	1.3	1.8	.1														80	80	117	98											
28/ 27	.2	1.1	.8	.1														51	51	87	120											
26/ 25	.0	.3	.4															19	19	77	78											
24/ 23		.4	.6															23	23	21	64											
22/ 21		.5	.2															16	16	27	51											
20/ 19		.2																5	5	17	59											
18/ 17		.1	.1															4	4	7	38											
16/ 15		.1	.0															4	4	5	27											
14/ 13		.1																2	2	3	23											
12/ 11																				2	15											
10/ 9																					19											
8/ 7																					11											
6/ 5																					3											
Element (X)	ΣX												ΣX ²		No. Obs.		Mean No. of Hours with Temperature														Total	
Rel. Hum.																	≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F															
Dry Bulb																																
Wet Bulb																																

PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 2 0600-0800
HOURS (L-S-T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

43-46, 52-76 YEARS

JAN MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL					
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
78/ 77				.0	.0	.0	.0	.0										1	1					
76/ 75				.2	.1	.0	.0	.0										3	3					
74/ 73			.1	.4	.2	.1	.0	.0										11	11					
72/ 71		.0	.4	.6	.4	.3	.1	.0										25	25		1			
70/ 69		.2	.9	.5	.6	.3	.1	.0	.0									55	55		5			
68/ 67	.0	1.0	1.0	.5	.6	.3	.1	.0	.0	.0								85	85		31			
66/ 65	.1	1.8	1.4	.5	.2	.3	.1	.0	.0	.0	.0							111	111		77			
64/ 63	.2	2.7	.8	.6	.6	.3	.1	.0	.0	.0	.0							136	136		106			
62/ 61	.8	2.6	1.0	.7	.3	.2	.1	.0	.0	.0	.0							140	140		147			
60/ 59	1.1	1.8	.7	.6	.4	.2	.2	.1	.0	.0	.0							126	127		131			
58/ 57	.7	1.6	.7	1.1	.4	.2	.2	.1	.0	.0	.0							120	120		110			
56/ 55	.8	2.0	.9	.8	.8	.7	.2	.2	.1	.0	.0							150	151		114			
54/ 53	.4	1.4	1.5	.9	.8	.6	.2	.2	.1	.0	.0							139	139		103			
52/ 51	.5	1.1	1.2	1.0	.7	.7	.2	.2	.1	.0	.0							134	135		117			
50/ 49	.3	1.6	1.8	1.3	.7	.4	.2	.2	.1	.0	.0							153	153		125			
48/ 47	.7	1.1	1.1	1.1	1.0	.6	.0	.0	.0	.0	.0							135	135		137			
46/ 45	.4	2.2	1.7	1.6	.9	.3	.0	.0	.0	.0	.0							175	176		155			
44/ 43	.3	1.7	1.7	1.4	.6	.5	.0	.0	.0	.0	.0							154	154		148			
42/ 41	.6	1.3	1.5	1.4	.8	.2	.1	.0	.0	.0	.0							142	142		170			
40/ 39	.2	.5	1.8	1.1	1.1	.1	.0	.0	.0	.0	.0							119	119		147			
38/ 37	.2	.9	.9	1.4	.4	.0	.0	.0	.0	.0	.0							96	96		129			
36/ 35	.3	.9	1.2	.7	.3	.2	.0	.0	.0	.0	.0							85	85		147			
34/ 33	.2	.4	.9	.7	.2	.0	.0	.0	.0	.0	.0							57	57		99			
32/ 31	.1	.3	.5	.5	.0	.0	.0	.0	.0	.0	.0							33	33		90			
30/ 29		.2	.5	.2	.0	.0	.0	.0	.0	.0	.0							24	24		59			
28/ 27			.5	.1	.0	.0	.0	.0	.0	.0	.0							15	15		33			
26/ 25		.1	.3															11	11		28			
24/ 23		.0	.2															5	5		17			
22/ 21		.0	.0															2	2		12			
20/ 19		.1	.1															4	4		3			
18/ 17			.1															3	3		4			
16/ 15																		1	1		1			
14/ 13																					4			
12/ 11																					18			
																					29			
Element (X)	Σ X																X̄		σ _x		Mean No. of Hours with Temperature			
Rel. Hum.																			≤ 0 F		≥ 80 F		Total	
Dry Bulb																								
Wet Bulb																								

PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 2 0900-1100
HOURS (L. S.T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MOODY AFB GEORGIA/VALDOSTA 43-46, 52-76

JAN
MONTH

YEARS

STATION NAME

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
82/ 81							.1	.2	.1									2	2			
80/ 79							.1	.4	.1									12	12			
78/ 77				.0	.3	.3	.6	.4	.1		.0							44	44			
76/ 75				.2	.9	1.0	.9	.3	.1									84	84			
74/ 73			.2	1.1	1.2	.9	.8	.4	.1	.0								123	123			
72/ 71			.6	.7	1.6	.8	1.0	.6	.2	.0	.0							141	141	4		
70/ 69		.1	.7	1.3	.7	.9	.7	.6	.2	.1	.1							134	134	31	2	
68/ 67	.1	.7	1.2	.6	.7	.8	.9	.8	.4	.1	.0							160	160	97	16	
66/ 65		.8	.7	.6	1.0	1.0	.8	.4	.3	.1								146	146	158	69	
64/ 63	.0	.6	.7	.6	1.1	1.0	.7	.6	.6	.1								153	153	167	87	
62/ 61	.3	1.0	.5	.9	.6	.6	.6	.7	.3	.0								139	140	113	130	
60/ 59	.2	1.0	.7	.6	1.1	1.2	.9	.9	.3	.1								177	177	141	135	
58/ 57	.0	.9	.4	.8	.5	1.4	1.0	.7	.2									153	153	148	121	
56/ 55	.2	.4	.3	.5	.8	1.4	.9	.9	.2									147	147	167	103	
54/ 53	.1	.6	.6	.6	.9	1.3	1.0	.5	.1									148	148	116	117	
52/ 51	.2	.5	.5	.6	1.1	1.0	.8	.5										130	130	134	115	
50/ 49	.1	.5	.8	.7	1.3	1.0	1.0	.1										140	140	136	104	
48/ 47	.4	.9	.4	.6	.9	.9	.8	.0										126	126	162	90	
46/ 45	.4	.6	.4	.5	.7	.7	.4											92	92	197	146	
44/ 43	.2	.4	.2	.5	.4	.6	.1											62	62	157	102	
42/ 41	.3	.4	.6	.3	.6	.3												62	62	138	111	
40/ 39	.1	.4	.5	.4	.5	.3												56	56	123	86	
38/ 37	.2	.6	.2	.2	.2	.4	.1											42	42	108	112	
36/ 35	.1	.1	.1	.6	.2	.2	.0											27	27	90	104	
34/ 33	.0	.1	.1	.4	.2	.4												21	21	52	110	
32/ 31		.1	.1	.1	.1	.1												8	8	35	95	
30/ 29			.0	.0	.0	.0												1	1	29	101	
28/ 27			.0	.1	.1	.1												3	3	19	62	
26/ 25			.0	.1	.1	.1												4	4	6	76	
24/ 23			.0	.0	.0	.0												1	1	3	61	
22/ 21			.0	.0	.0	.0												1	1	4	50	
20/ 19			.0	.0	.0	.0												1	1	2	63	
18/ 17																				2	43	
16/ 15																				1	44	
Element (X):	Σ X												Σ X ²		Σ X ³		Σ X ⁴		Σ X ⁵		Σ X ⁶	
Rel. Hum.																					Total	
Dry Bulb																						
Wet Bulb																						
van No. of Hours with Temperature												≥ 80 F		≥ 93 F		Total						

DATA PROCESSING BRANCH
USAF ETAL
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION MOODY AFB GEORGIA/VALDOSTA 43-46, 52-76 1500-1700 JAN
STATION NAME YEARS MONTH HOURS (L. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point							
82/ 81						.0	.0	.2	.0									6	6									
80/ 79						.0	.0	.3	.1	.0								21	21									
78/ 77						.4	.6	.9	.2									73	73									
76/ 75				.4		.8	1.4	1.1	.4	.2	.1							107	107									
74/ 73		.2		.9		.8	1.2	1.1	.2	.2	.1	.0						141	141		4							
72/ 71		.4	.1	1.0		1.3	.6	.9	.6	.1	.2	.0	.0					130	130									
70/ 69		.1	.5	1.2		.9	.9	1.0	.9	.6	.4	.1						162	162		39							
68/ 67		.4	.6	.5		.9	1.0	1.3	1.1	.7	.2	.1						173	173		88							
66/ 65		.5	.3	.8		.7	1.2	.9	.7	.6	.5							154	154		47							
64/ 63	.1	.8	.3	.5		.6	.6	1.0	.9	.6	.3							141	141		78							
62/ 61	.4	.9	.5	.6		.8	1.2	.4	1.0	.6	.1							160	160		124							
60/ 59	.2	.9	.5	.6		.9	1.0	.7	1.4	.8	.1							179	179		120							
58/ 57		.4	1.0	.6		.7	1.0	.8	1.3	.7								161	161		130							
56/ 55	.2	.4	.1	.4		.5	1.6	1.3	1.7	.5								166	166		153							
54/ 53	.2	.3	.3	.6		.6	.8	1.6	1.2	.1								140	140		121							
52/ 51	.1	.6	.3	.6		.8	.4	.8	.2									94	94		148							
50/ 49	.1	.7	.4	.6		.9	1.2	1.0	.2									129	129		104							
48/ 47	.1	.4	.5	.6		.7	.7	.6	.1									94	94		148							
46/ 45	.7	.4	.1	.2		.2	.7	.2	.0									60	60		183							
44/ 43	.1	.3	.2	.1		.3	.8											43	43		189							
42/ 41	.1	.1	.6	.5		.3	.5	.0										53	53		136							
40/ 39	.1	.4	.2	.3		.3	.3	.0										43	43		118							
38/ 37	.4	.2	.2	.2		.3	.1											32	32		77							
36/ 35	.0	.2	.1	.3		.3												24	24		78							
34/ 33		.1		.1		.1												7	7		35							
32/ 31	.1																	2	2		32							
30/ 29				.1		.2												6	6		23							
28/ 27																					8							
26/ 25																					3							
24/ 23																					6							
22/ 21																												
20/ 19																												
18/ 17																												
16/ 15																												
Element (X)	Σ X ²			Σ X			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature												
Rel. Hum.																≤ 0 F			≤ 32 F			≥ 67 F			≥ 93 F			Total
Dry Bulb																												
Wet Bulb																												
Dew Point																												

PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 2 1500-1700
HOURS (D, S, T)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857

MOODY AFB GEORGIA/VALDOOSTA

43-46, 52-76

STATION NAME

YEARS

JAN
MONTH

1800-2000

HOURS (L. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
78/ 77							.1	.0										3	3					
76/ 75						.2	.0		.0									9	9					
74/ 73			.3	.2	.3	.3	.1											27	27					
72/ 71		.1	.6	.3	.6	.4	.1	.1										49	49					
70/ 69	.1	.1	1.0	1.2	1.3	.4	.2	.1	.0									93	93	15	4			
68/ 67	.5	.5	1.9	1.0	.9	.5	.2	.0	.1									108	108	25	11			
66/ 65	.0	1.4	1.4	1.4	.7	.6	.1	.3	.1									128	128	73	30			
64/ 63	.2	1.3	1.7	1.3	.8	.7	.4	.3	.1									146	146	125	61			
62/ 61	.4	1.1	1.4	1.3	1.1	.7	.5	.1	.0									140	140	128	104			
60/ 59	.3	1.0	1.2	1.3	1.3	.7	.3	.4	.1									141	141	123	105			
58/ 57	.2	1.0	1.0	1.6	1.1	1.0	.7	.2										146	146	114	108			
56/ 55	.1	.6	1.7	1.4	1.4	1.0	.4	.2										148	148	107	92			
54/ 53	.2	.3	.7	1.2	1.4	.9	.7	.2										118	118	118	110			
52/ 51	.2	.8	1.1	1.4	1.4	1.3	1.0	.0										154	154	134	79			
50/ 49	.1	.7	1.4	1.7	1.4	1.6	.7	.0										165	165	118	85			
48/ 47	.3	.2	1.0	1.4	1.3	.8	.3											121	121	146	111			
46/ 45	.4	.5	.7	1.6	1.1	1.2	.1											119	119	146	92			
44/ 43	.2	.3	1.3	1.1	1.2	.2	.1											97	97	141	103			
42/ 41	.1	.3	1.1	.8	1.1	.1												76	76	148	110			
40/ 39	.1	.1	.6	.9	.5	.2												52	52	141	100			
38/ 37	.3	.4	.2	.6	.3	.1												39	39	109	93			
36/ 35	.2	.2	.1	.3	.1	.0												23	23	89	99			
34/ 33		.2	.1	.4	.1													19	19	64	98			
32/ 31	.0	.0	.1	.4	.1													14	14	25	102			
30/ 29			.0	.1	.0													4	4	19	69			
28/ 27			.0	.0	.0													2	2	16	71			
26/ 25			.0	.0														2	2	10	66			
24/ 23																				6	62			
22/ 21																				3	61			
20/ 19																					32			
18/ 17																					21			
16/ 15																					22			
14/ 13																					7			
12/ 11																					12			
Element (X)	Σ X ²				Σ X				σ _x				No. Obs.				Mean No. of Hours with Temperature				Total			
Rel. Hum.																	≤ 0 F				≥ 80 F		≥ 93 F	
Dry Bulb																								
Wet Bulb																								

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MOODY AFB GEORGIA/VALDOSIA 43-46, 52-76

JAN
MONTH

YEARS

STATION NAME

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL					
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
72/ 71			.1															2	2						
70/ 69		.7	.1															14	14		2				
68/ 67		1.2	1.0	.1	.3	.1												40	40	18	12				
66/ 65	.1	2.7	.6	.2	.1	.1												60	60	27	18				
64/ 63	.5	2.2	1.3	.4	.3		.1											76	76	70	44				
62/ 61	.5	2.7	1.3	.6	.1	.1												83	83	67	70				
60/ 59	.5	3.1	2.8	.6	.3	.2												118	118	65	56				
58/ 57	.1	2.2	2.0	.8	.4	.1	.1											90	90	102	66				
56/ 55	.4	2.0	1.7	.9	.4	.4	.1											92	92	81	81				
54/ 53	.3	2.0	1.7	2.0	.8	.4	.1											112	112	77	77				
52/ 51	.3	1.1	2.3	.8	.5	.1	.1											81	81	88	74				
50/ 49	.6	1.7	2.2	1.2	.8	.5	.1											112	112	79	73				
48/ 47	.4	1.3	1.7	1.4	.9	.3	.1											94	94	105	69				
46/ 45	.4	1.3	2.4	2.4	1.3	.1	.1											126	126	91	65				
44/ 43		1.8	2.2	1.5	1.1													102	102	87	82				
42/ 41	.3	1.2	2.5	1.3	.9	.1												98	98	104	66				
40/ 39	.4	1.0	2.4	1.7	.6	.1												96	96	122	88				
38/ 37	.1	.5	1.7	1.7	.4	.1												74	74	109	74				
36/ 35	.2	.3	.8	.8	.1													33	33	91	95				
34/ 33		.6	.6	.3	.1													25	25	59	69				
32/ 31		.3	.5	.2	.1													17	17	61	79				
30/ 29		.1	.6	.3	.1													18	18	21	57				
28/ 27			.3															4	4	20	53				
26/ 25			.1															1	1	13	64				
24/ 23																		1	1	9	32				
22/ 21																					35				
20/ 19																				1	21				
18/ 17																					16				
16/ 15																					7				
14/ 13																					5				
12/ 11																					8				
10/ 9																					9				
8/ 7																					3				
6/ 5																					1				
Element (X)	Σ X																	Σ X ²		Mean No. of Hours with Temperature				Total	
Rel. Hum.																				≥ 0 F				≥ 93 F	
Dry Bulb																				≥ 32 F					
Wet Bulb																				≥ 67 F					
																				≥ 73 F					
																				≥ 10 F					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MODDY AFB GEORGIA/VALDOSTA
STATION NAME

43-46, 52-76
YEARS

FEB
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL																		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
72/ 71	.2	.2	.2	.1														4	4	4	2												
70/ 69	.4	.4	.4	.1														17	17	3	3												
68/ 67	.6	.6	.6	.1														39	39	20	14												
66/ 65	.7	.7	.7	.1														62	62	53	33												
64/ 63	.7	.7	.7	.1														54	54	63	70												
62/ 61	.7	.7	.7	.1														63	63	53	58												
60/ 59	1.4	2.1	.8															74	74	71	56												
58/ 57	1.5	3.1	1.1	.2														98	98	82	80												
56/ 55	1.7	4.0	1.2	.2														117	117	98	77												
54/ 53	.9	4.0	.7	.5														99	99	91	93												
52/ 51	1.0	3.1	1.5	.7	.2													106	107	99	86												
50/ 49	1.1	4.7	1.5	.7	.2													134	135	92	84												
48/ 47	.8	3.1	1.8	1.3	.2													117	117	128	98												
46/ 45	.6	3.1	1.4	.7	.5	.1												103	103	97	90												
44/ 43	.6	2.2	1.5	1.3	.2	.1												94	94	100	84												
42/ 41	.1	2.2	2.0	1.4	.2													98	98	76	79												
40/ 39	.4	1.8	2.0	.5	.1	.1												79	79	95	75												
38/ 37	.6	2.4	1.1	.5	.1	.1												76	76	94	62												
36/ 35	.2	1.4	1.4	.6	.1													60	60	91	75												
34/ 33	.6	.6	1.4	.5														41	41	51	68												
32/ 31	.4	.4	.9	.6	.1													31	31	40	78												
30/ 29	.1	.6	.6	.2														23	23	49	63												
28/ 27	.4	.4	.4	.2														17	17	28	34												
26/ 25	.2	.2	.2	.1														8	8	22	36												
24/ 23																		8	8	13	18												
22/ 21	.1	.1																1	1	6	27												
20/ 19			.1															2	2	7	20												
18/ 17																				1	15												
16/ 15																				2	18												
14/ 13																					4												
12/ 11																					3												
10/ 9																					7												
8/ 7																					9												
6/ 5																					5												
Element (X)	ΣX^2												ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature														Total	
Rel. Hum.																																	
Dry Bulb																																	
Wet Bulb																																	

PSYCHROMETRIC SUMMARY

FEB

PAGE 2 0300-0500
HOURS (L. S. F.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

43-46, 52-76

YEARS

FEB
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
74/ 73				.0														1	1						
72/ 71			.0															1	1						
70/ 69	.1	.2	.6															19	19	3	2				
68/ 67	.4	1.5	.5	.0														52	52	28	16				
66/ 65	.3	1.9	.3	.1	.0													55	55	49	40				
64/ 63	.6	2.0	.3	.1					.0									64	64	71	66				
62/ 61	1.0	2.2	.7	.1														84	84	68	70				
60/ 59	2.1	2.3	.6	.0														106	106	99	98				
58/ 57	1.1	2.7	.4	.1	.1	.1												99	99	92	75				
56/ 55	1.4	3.3	.7	.0	.1													116	117	104	100				
54/ 53	1.2	2.5	.8	.2	.1	.0												101	102	107	99				
52/ 51	1.6	4.2	1.2	.5	.0													158	159	111	116				
50/ 49	1.2	3.1	1.1	.7	.0													130	130	130	92				
48/ 47	.8	3.6	2.2	1.1	.0	.1												168	170	120	108				
46/ 45	1.0	3.2	1.1	.6	.2	.1												132	132	126	125				
44/ 43	.3	2.4	1.7	.6	.1													109	109	141	90				
42/ 41	.4	2.3	2.5	.9	.2	.0												135	135	112	98				
40/ 39	.8	2.1	2.7	.9	.1													142	142	116	112				
38/ 37	.3	2.7	2.2	.5	.0													121	121	124	94				
36/ 35	.2	2.2	.9	.5														81	81	152	96				
34/ 33		.9	1.3	.3	.1													56	56	86	99				
32/ 31		1.0	1.8	.8	.1													77	77	56	115				
30/ 29		1.1	.9	.2														47	47	64	75				
28/ 27		.2	.6	.2														20	20	58	60				
26/ 25		.6	.4	.1														24	24	42	50				
24/ 23		.0	.2	.1														8	8	28	50				
22/ 21		.0	.2															5	5	12	31				
20/ 19		.0	.3															7	7	10	35				
18/ 17			.0															1	1	3	19				
16/ 15																				7	29				
14/ 13																					11				
12/ 11																					11				
10/ 9																					11				
8/ 7																					7				
Element (X)	Mean No. of Hours with Temperature																	No. Obs.		Total					
Rel. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																									
Wet Bulb																									

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13857 MOODY AFB GEORGIA/VALDOOSTA STATION NAME 43-46,52-76 YEARS MONTH FEB
PAGE 2 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
6 / 5																					6	
4 / 3																					9	
2 / 1																					1	
0 / -1																					2	
-4 / -5																					1	
TOTAL	15.048	0.26	3	8.8	1.5	.4	.0											2119	2124	2119	2119	

Element (X)	Σ X ²	Σ X	X̄	Σ X̄	No. Obs.	Mean No. of Hours with Temperature						Total	
						≤ 0 F	≤ 34 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	Total
Rel. Hum.	14989486	175610	82.914	347	2119								
Dry Bulb	5056287	101131	47.610	656	2124		7.5	2.9	4.0				84
Wet Bulb	4634709	96147	45.411	336	2119		11.1	1.2					84

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

43-46252-76

YEARS

FEB
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL								
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point							
80/ 79							.1											2	2									
78/ 77						.1	.1											7	7									
76/ 75				.1	.1	.1	.1											11	11									
74/ 73		.0	.1	.4	.6	.2	.1	.1	.0									35	35									
72/ 71		.1	.7	.6	.8	.4	.0		.0									59	59	1	1							
70/ 69	.1	.6	.9	.8	.4	.4	.5											84	84	14	2							
68/ 67	.3	.9	1.2	1.1	.9	.6	.0	.1	.1									117	117	70	23							
66/ 65	.3	1.7	1.4	.8	.5	.4	.3	.1	.0									123	123	85	61							
64/ 63	.5	2.0	1.1	1.1	.6	.4	.3	.2	.0									141	142	117	87							
62/ 61	.3	1.4	.8	.9	.9	.4	.2	.2	.0									118	118	122	105							
60/ 59	.5	1.6	1.2	1.0	.6	.5	.3	.4	.0									137	137	123	111							
58/ 57	.3	1.2	1.2	.6	1.2	.6	.4	.3										128	128	124	103							
56/ 55	.4	1.9	1.2	.9	.6	.8	.5	.3										151	151	117	99							
54/ 53	.8	1.4	1.2	.9	1.1	.4	.5	.0										141	141	132	106							
52/ 51	.4	1.8	1.2	.8	1.3	.8	.4	.0										154	154	125	125							
50/ 49	.3	1.5	1.2	1.2	1.3	1.0	.3	.0										155	155	144	108							
48/ 47	.5	1.2	.8	1.7	1.1	.6	.2	.0										141	141	139	128							
46/ 45	.2	1.1	1.2	1.0	1.2	.6												119	119	137	95							
44/ 43	.2	.7	.9	1.0	.7	.3	.0											86	87	138	87							
42/ 41	.2	.4	1.2	.8	.6	.3	.0											79	80	143	92							
40/ 39	.4	.5	.8	.9	.9	.2	.1											85	85	122	83							
38/ 37	.4	.4	.5	.7	.4	.1												47	47	100	76							
36/ 35	.0	.1	.5	.7	.2	.0												37	37	70	125							
34/ 33		.1	.4	.6	.4													32	32	51	101							
32/ 31		.1	.2	.2	.1													14	14	56	74							
30/ 29	.0	.1	.3	.4														18	18	42	71							
28/ 27			.1	.3	.0													9	9	24	60							
26/ 25		.0	.1	.1														6	6	18	75							
24/ 23			.1															2	2	14	42							
22/ 21			.1															3	3	6	42							
20/ 19			.0															1	1	5	36							
18/ 17																				3	25							
16/ 15																					29							
14/ 13																					21							
Element (X)	Σ X ²																	Σ X	X̄	°X	No. Obs.		Mean No. of Hours with Temperature					
Rel. Hum.																							≤ 0 F	≤ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																												
Wet Bulb																												

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

43-46, 52-76

YEARS

FEB
MONTH

PAGE 2

0900-1100
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION MODDY AFB GEORGIA/VALDOSTA 43-46.52-76 YEARS FEB MONTH

PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86 / 85									.1	.1								2	2		
84 / 83								.1	.0									7	7		
82 / 81							.1	.3	.3	.1								11	11		
80 / 79				.0	.0	.2	.5	.5	.3	.1	.0							40	40		
78 / 77				.3	.5	1.3	.9	.8	.2	.1	.0							72	72		
76 / 75			.0	.0	.5	1.3	1.5	.9	.2	.1	.0							114	114		
74 / 73		.0	.3	.7	1.0	1.5	1.1	.9	.3	.2	.0	.0						142	142	1	
72 / 71		.3	.7	.7	.7	.9	1.1	1.2	.7	.2	.0	.0						142	142	7	2
70 / 69	.0	.4	.7	.8	1.1	1.2	1.4	.7	.5	.6	.1							174	174	57	11
68 / 67		.5	1.2	.5	.7	.8	1.2	.5	.9	.4	.1							157	157	93	26
66 / 65	.2	.6	.4	.9	.6	.8	.7	.9	.9	.4	.0							150	150	151	56
64 / 62		.7	.4	.6	.6	.8	.6	1.2	.8	.5								145	145	160	80
62 / 61		.6	.3	.4	.7	.6	.9	1.1	.7	.0								124	124	132	105
60 / 59	.0	.6	.6	.3	.5	1.1	.9	1.6	.7	.0								150	150	146	110
58 / 57	.2	.6	.3	.7	.5	.6	1.4	1.1	.5	.0								142	142	144	128
56 / 55	.1	.7	.5	.9	.3	.9	1.4	.9	.2									139	139	138	111
54 / 53	.3	.6	.4	.6	.6	.7	.8	.8	.2									115	115	118	122
52 / 51	.2	1.2	.4	.3	.7	.9	.9	.6	.1									123	123	164	108
50 / 49	.2	.8	.3	.5	.7	.9	.4	.4	.0									98	98	157	115
48 / 47	.2	.5	.1	.2	.3	.6	.4	.0										56	57	155	131
46 / 45		.3	.5	.3	.6	.6	.4	.0										64	64	153	92
44 / 43	.2	.3	.3	.3	.6	.7	.3											63	63	134	80
42 / 41	.2	.3	.1	.0	.2	.4	.2											33	33	104	78
40 / 39	.0	.2	.0	.2	.3	.2	.2											22	22	99	84
38 / 37	.1	.2	.1	.2	.3	.2	.2											23	23	70	77
36 / 35		.1	.2	.0	.2	.1	.1											15	15	54	114
34 / 33				.1	.1													3	3	30	85
32 / 31		.1		.1	.1													7	7	38	88
30 / 29					.1													2	2	14	87
28 / 27			.0															1	1	7	72
26 / 25																				6	80
24 / 23																				3	67
22 / 21																				1	47
20 / 19																					22
Element (X)	2X ²	2X				X				σ _x				No. Obs.				Mean No. of Hours with Temperature			
Rel. Hum.														≤ 0 F				≥ 32 F			
Dry Bulb														≤ 73 F				≥ 80 F			
Wet Bulb														≥ 67 F				≥ 93 F			
Total																		Total			

PSYCHROMETRIC SUMMARY

FEB
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

43-46, 52-76

YEARS

FEB
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13857 MOODY AFB GEORGIA/VALDOSTA STATION NAME 42-46, 52-76 YEARS MONTH FEB

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
82/ 81							.1	.1	.1	.1	.1							3	3							
80/ 79							.1	.1	.1	.1	.1							6	6							
78/ 77					.1	.1	.3	.1	.1	.1	.1	.1					.1	14	14							
76/ 75					.1	.5	.4	.1	.1	.1	.1							37	37							
74/ 73			.1	.5	.7	.7	.8	.3	.1	.1	.1						.1	54	54							
72/ 71			.1	.5	.7	.7	.8	.3	.1	.1	.1	.1					.1	68	68							
70/ 69		.8	.4	.7	1.3	.9	.6	.5	.5	.1	.2							135	135	16	2					
68/ 67		.5	1.2	1.0	.9	1.2	.8	.5	.6	.1	.1							134	134	60	13					
66/ 65	.3	1.3	1.1	1.0	1.5	1.0	.8	.4	.5	.1								154	154	104	57					
64/ 63	.2	.8	.6	1.3	1.9	.9	.7	.7	.4	.2								148	148	89	68					
62/ 61	.2	.8	.8	.9	1.1	.9	.8	.8	.5	.1								134	134	115	74					
60/ 59	.4	1.0	.7	1.3	1.0	1.1	1.2	.6	.3	.2								153	153	125	38					
58/ 57	.4	1.0	.6	.9	1.1	1.1	1.3	.7	.3	.1								142	142	121	96					
56/ 55	.3	.6	1.0	.7	.9	1.5	1.1	.7	.1									136	136	149	89					
54/ 53	.2	.7	.6	.5	.8	1.0	1.1	.3	.1									104	104	122	100					
52/ 51	.3	.6	1.3	1.0	1.2	1.1	.9	.4	.1									133	133	133	124					
50/ 49	.3	.6	.3	1.0	1.0	1.2	.4	.3										98	98	147	77					
48/ 47	.4	.7	.5	.9	1.1	1.2	.3											100	100	125	101					
46/ 45		.4	.6	.8	.9	.8	.3											74	74	129	95					
44/ 43		.2	.7	.6	.6	.5	.1											51	51	126	103					
42/ 41		.2	.3	.3	.6	.3	.2											35	35	106	54					
40/ 39	.1		.2	.2	.2	.4	.3											22	22	106	82					
38/ 37	.1	.1		.1	.1	.5	.1											15	15	63	105					
36/ 35	.2	.2	.1	.1	.2	.1												13	13	49	100					
34/ 33		.1	.1	.2	.1													8	8	30	81					
32/ 31		.1		.1	.1													2	2	21	77					
30/ 29				.1	.1													2	2	16	67					
28/ 27																				9	49					
26/ 25																				3	70					
24/ 23																				1	49					
22/ 21																					37					
20/ 19																					18					
18/ 17																					29					
16/ 15																					24					
Element (X)	Σ X ²	Σ X																Σ X	Mean No. of Hours with Temperature					Total		
Rel. Hum.																			≤ 0 F					≥ 80 F	≥ 93 F	Total
Dry Bulb																										
Wet Bulb																										
																			≤ 67 F							
																			≤ 73 F							

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY:

13857	MOONY AF8 GEORGIA/VALDOSTA	43-46,52-76
STATION	STATION NAME	

FEB
MONTH

PAGE 2 1800-2000
HOURS (L - S.T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13357
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

43-46, 52-76

YEARS

FEB
MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
74/ 73			.1		.1													3	3			
72/ 71			.5		.1													11	11			
70/ 69		.6	1.4	.3	.2													37	37	4	1	
68/ 67	.2	1.9	1.0	1.0	.3													65	65	37	14	
66/ 65	.3	2.1	1.2	1.5	.8	.2	.1											91	91	53	37	
64/ 63	.4	1.9	1.3	1.2	.5	.2	.1	.1										84	84	55	57	
62/ 61	.6	1.4	1.9	1.4	.5	.3	.1	.2										95	95	76	56	
60/ 59	.6	2.4	2.5	1.4	.6	.3	.3											118	118	79	65	
58/ 57	.7	2.0	2.0	1.4	1.1	.5	.2											116	116	106	73	
56/ 55	.8	1.5	1.6	1.9	1.4	.8	.1											120	120	105	88	
54/ 53	.5	1.0	2.0	2.4	1.1	.3	.2											111	111	97	93	
52/ 51	.3	1.2	2.3	1.4	1.2	.5	.5	.1										109	109	77	73	
50/ 49	.4	1.1	2.3	1.5	.9	.2	.2											98	98	108	69	
48/ 47	.6	.8	1.5	1.7	1.2	.5												92	92	131	79	
46/ 45	.1	1.0	2.0	1.1	.4	.3	.1											79	79	83	80	
44/ 43		.5	1.5	1.4	1.0	.1												67	67	90	77	
42/ 41		1.0	1.0	1.0	.8	.1												58	58	90	74	
40/ 39	.1	.1	.8	1.1	.3	.1												37	37	75	77	
38/ 37			.3	.7	.3													19	19	48	77	
36/ 35		.1	.3	.6	.4													20	20	54	74	
34/ 33		.1	.1	.3	.1													8	8	27	41	
32/ 31			.1	.5	.3													13	13	18	52	
30/ 29			.3	.3	.1													10	10	19	36	
28/ 27		.1		.1														2	2	11	32	
26/ 25			.1															2	2	16	29	
24/ 23																				5	25	
22/ 21																				1	18	
20/ 19																					14	
18/ 17																					13	
16/ 15																					15	
14/ 13																					10	
12/ 11																					3	
10/ 9																					5	
8/ 7																					4	
Element (X)	ΣX ²		ΣX		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

43-46, 52-76

YEARS

FEB
MONTH

PAGE 2

2100-2300
HOURS (1 - 5 P.M.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION MOODY AFB GEORGIA/VALDOSTA 43-45, 52-60, 74-75 YEARS MAR MONTH

PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73		.1	.6	.1														9	9		
72/ 71		.2	1.0	.3														17	17	3	
70/ 69	.3	1.4	1.3	.1														36	36	13	8
68/ 67	.3	2.4	.8	.3	.2													46	46	43	24
66/ 65	.3	4.1	2.4	.6	.1													88	88	56	46
64/ 63	1.1	4.8	2.2	.3	.7	.2												109	109	84	80
62/ 61	1.4	3.2	2.2	.6	.5	.2	.2		.1									98	98	99	80
60/ 59	1.9	2.7	1.7	1.0	.5	.4	.1	.1										98	98	85	96
58/ 57	1.3	2.2	1.5	1.1	.9	.1	.1											85	85	74	78
56/ 55	.8	2.0	2.3	1.6	.5	.7	.1											95	95	71	55
54/ 53	.4	2.5	1.4	1.3	.4	.3	.1											75	75	77	59
52/ 51	.2	1.7	1.7	1.9	1.0	.7												84	84	75	50
50/ 49	.4	1.4	2.4	2.0	.7	.2												84	84	73	73
48/ 47	.3	.3	1.4	1.1	.5	.1	.1											44	44	73	48
46/ 45	.1	.8	2.0	1.3	.4													53	53	69	51
44/ 43		.2	1.4	1.3	.6	.2												42	42	63	50
42/ 41	.3	.2	1.1	2.0	.7													49	49	54	68
40/ 39	.1	.4	1.1	.6	.1													27	27	35	39
38/ 37		.3	.4	.3	.2													15	15	47	42
36/ 35	.2	.3	.5	.1	.1													14	14	36	35
34/ 33	.2				.1													3	3	27	62
32/ 31		.2		.1														3	3	8	29
30/ 29			.2	.1														3	3	5	33
28/ 27			.1	.1														2	2	2	21
26/ 25																				2	19
24/ 23																				2	10
22/ 21																				1	7
20/ 19																					6
18/ 17																					2
16/ 15																					2
14/ 13																					1
12/ 11																					2
10/ 9																					1
8/ 7																					1
Element (X)	Σ X ²	Σ X					X̄	σ _x	No. Obs.		Mean No. of Hours with Temperature					Total		Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 80 F	≥ 93 F						
Dry Bulb																					
Wet Bulb																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

43-45, 52-60, 74-75

MAR
MONTH

PAGE 2

0000-0200
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOOSTA
STATION NAME

43-45, 52-75

YEARS

MAR
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73		.1	.1	.2														5	5		
72/ 71		.2	.5	.1														13	13	1	
70/ 69	.1	1.4	.8	.1	.1													40	40	16	11
68/ 67	.2	2.7	.5	.2														58	58	50	23
66/ 65	.7	4.3	1.1	.1	.1													99	99	71	72
64/ 63	1.4	4.2	.9	.2		.1												109	109	107	101
62/ 61	1.3	2.7	1.2	.1	.1	.1												90	90	95	91
60/ 59	2.1	3.6	1.3	.5	.2	.1												125	126	103	101
58/ 57	1.4	3.1	1.9	.4	.4	.1	.1											119	120	105	95
56/ 55	1.5	3.2	1.6	.9	.5	.1	.1	.1										128	128	96	91
54/ 53	.3	2.3	1.4	.7	.3	.3	.1											87	88	88	72
52/ 51	.7	2.9	1.9	1.4	.7	.1												123	123	95	84
50/ 49	.9	2.1	2.4	1.6	.8	.4												130	130	100	88
48/ 47	.6	2.1	1.1	1.6	.5	.1												95	96	101	69
46/ 45	.1	1.9	1.1	.9	.4													70	71	100	91
44/ 43		1.3	1.7	.7	.1													63	63	84	57
42/ 41	.2	.6	1.7	1.0	.4													62	62	96	76
40/ 39	.1	.9	1.9	1.1	.5													71	71	61	59
38/ 37		.9	1.3	.7	.1													50	50	53	69
36/ 35		.6	.8	.2	.1													27	27	62	56
34/ 33	.2	.4	.6	.2														22	22	61	59
32/ 31		.1	.1	.1														4	4	28	52
30/ 29		.4	.2	.1														6	6	12	58
28/ 27		.1	.1	.1														4	4	7	36
26/ 25		.1	.1															3	3	7	30
24/ 23																				1	24
22/ 21																				3	10
20/ 19																					8
18/ 17																					8
16/ 15																					3
14/ 13																					4
12/ 11																					2
10/ 9																					1
8/ 7																					2
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.											≤ 0 F							≥ 80 F			
Dry Bulb											≤ 32 F							≥ 73 F			
Wet Bulb											≤ 67 F							≥ 93 F			

PSYCHROMETRIC SUMMARY:

MAR
MONTH

PAGE 2 0300-0500
HOURS (L. S.T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION MOODY AFB GEORGIA/VALDOSIA 43-45.52-75 YEARS MAR MONTH
PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73		.0	.2	.2														9	9	2	
72/ 71		.3	.8															24	24		
70/ 69	.2	1.5	.9	.1	.0													60	60	25	14
68/ 67	.4	1.8	1.2	.2														78	78	72	50
66/ 65	1.0	3.3	1.1	.1	.1													123	123	93	87
64/ 63	1.0	3.7	1.3	.2	.2	.1												135	135	127	118
62/ 61	.9	2.6	1.0	.2	.2	.0	.1											110	112	115	99
60/ 59	1.4	3.4	1.4	.4	.2	.0												148	150	125	131
58/ 57	1.6	3.3	1.7	.6	.3													162	166	142	127
56/ 55	.8	2.7	1.9	.7	.4	.3	.0											147	147	122	107
54/ 53	.6	2.7	1.3	.9	.5	.2	.0											137	140	116	110
52/ 51	.9	2.2	1.4	1.0	.8	.1	.2											142	142	145	117
50/ 49	.6	2.4	1.9	1.7	.5	.2												157	157	102	120
48/ 47	.7	2.8	1.7	1.4	.8	.2												166	166	131	91
46/ 45	.4	2.1	1.0	1.4	.2	.2												115	115	154	110
44/ 43	.2	1.4	1.4	.8	.3													90	92	129	96
42/ 41	.1	1.1	1.8	1.0	.3	.0												93	94	110	102
40/ 39	.0	.8	2.0	.9	.1													83	83	101	84
38/ 37	.1	.7	1.1	.6	.0													56	56	97	82
36/ 35		.9	.9	.4														47	47	75	91
34/ 33	.0	.5	1.2	.3														43	43	65	87
32/ 31		.2	.1	.0														8	8	46	75
30/ 29		.1	.3	.0														9	9	34	70
28/ 27	.1	.1	.0	.1														8	8	9	44
26/ 25		.2		.0														6	6	9	49
24/ 23																		2	2	9	26
22/ 21																					29
20/ 19																				3	12
18/ 17																					16
16/ 15																					6
10/ 9																					1
8/ 7																					2
6/ 5																					3
Element (X)	Σ X ²		Σ X		σ _x		X̄		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.											≤ 0 F ≤ 32 F ≤ 67 F ≥ 73 F ≥ 80 F ≥ 93 F										
Dry Bulb																					
Wet Bulb																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

43-45.52-75

YEARS

MAR
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
86/ 85									.0									1	1				
84/ 83									.0									2	2				
82/ 81							.2	.1	.1									9	9				
80/ 79					.3	.5	.4	.0	.0									29	29				
78/ 77	.0			.2	.5	.7	.1	.1	.1	.1	.0							43	43				
76/ 75	.1	.3	.8	.9	.2	.0	.1	.1	.1	.1	.0							80	80	1			
74/ 73	.1	.0	.4	1.5	.7	.7	.4	.1	.1	.1	.2							99	99	4	3		
72/ 71	.2	.2	1.4	1.7	.8	.5	.4	.3	.2	.1	.1							130	130	29	2		
70/ 69	.1	.6	1.4	1.3	1.0	.6	.6	.3	.2	.2	.1							148	148	87	24		
68/ 67	.2	1.3	1.6	1.3	.9	.7	.3	.4	.3	.2	.0							165	165	153	61		
66/ 65	.2	1.2	1.7	1.0	.8	1.0	.6	.5	.2	.2	.1	.0						165	166	135	123		
64/ 63	.3	1.9	1.3	1.1	1.1	.9	.7	1.0	.3	.1	.0							200	202	145	135		
62/ 61	.2	1.7	.7	1.1	.9	1.3	.9	.3	.2	.1	.0							168	168	159	152		
60/ 59	.4	1.4	.7	.9	1.1	.9	.7	.4	.1	.0								153	153	147	150		
58/ 57	.5	1.3	1.2	.7	1.1	1.0	.5	.7	.0									163	163	164	125		
56/ 55	.3	1.1	.5	.7	1.2	.8	.7	.5	.1									135	135	136	133		
54/ 53	.2	.8	.7	.6	.9	1.0	.5	.1										110	110	154	90		
52/ 51	.3	.3	.7	.8	.7	1.1	.4	.0										99	99	144	101		
50/ 49	.0	.6	.3	.8	1.0	1.0	.4											95	95	150	100		
48/ 47	.2	.4	.5	.5	1.2	.8	.3	.0										91	91	118	89		
46/ 45	.0	.5	.4	.9	.5	.6	.0											67	67	103	82		
44/ 43	.1	.1	.1	.9	.6	.5	.1											55	55	115	104		
42/ 41	.1	.1	.3	.4	.3	.2												31	31	98	91		
40/ 39	.0	.0	.4	.2	.3	.0												24	24	85	96		
38/ 37	.2	.2	.1	.1	.1													14	14	64	83		
36/ 35		.1	.1	.1	.1													8	8	44	81		
34/ 33			.0	.1	.1													7	7	28	68		
32/ 31			.1	.1														5	5	13	86		
30/ 29			.1	.0														3	3	7	83		
28/ 27			.0															1	1	12	50		
26/ 25																				4	51		
24/ 23																				1	32		
22/ 21																					26		
20/ 19																					23		
Element (X)	ΣX ²			ΣX			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature					TOTAL		
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																							
Wet Bulb																							

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION MOODY AFB GEORGIA/VALDOSTA 43-45, 52-75 YEARS PAGE 1 1200-1400 HOURS (L. S. T.) MAR MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
90/ 89										.0	.1	.2	.3	.4	.5	.6	.7	1	1					
88/ 87									.0	.1	.2	.3	.4	.5	.6	.7	.8	9	9					
86/ 85									.0	.1	.2	.3	.4	.5	.6	.7	.8	21	21					
84/ 83									.0	.1	.2	.3	.4	.5	.6	.7	.8	76	76					
82/ 81									.0	.1	.2	.3	.4	.5	.6	.7	.8	105	105					
80/ 79									.0	.1	.2	.3	.4	.5	.6	.7	.8	162	162					
78/ 77	.0			.2	.5	.8	1.0	1.1	1.2	.4	.5	.6	.7	.8	.9	1.0	1.1	142	142					
76/ 75		.1	.2	.3	.5	.7	1.0	1.1	1.2	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	167	167	2				
74/ 73		.1	.2	.3	.5	.7	1.0	1.1	1.2	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	173	173	9	1			
72/ 71		.1	.2	.3	.5	.7	1.0	1.1	1.2	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	170	170	70	6			
70/ 69	.1	.3	.4	.7	.9	1.2	1.5	1.8	2.1	1.2	.9	.7	.5	.3	.1	.0	.0	174	175	147	30			
68/ 67	.1	.5	.8	.6	.7	.7	1.1	1.4	1.7	1.1	.7	.3	.0	.0	.0	.0	.0	189	189	212	48			
66/ 65	.1	1.0	.6	.3	.5	.6	1.2	1.0	.9	.5	.2	.0	.0	.0	.0	.0	.0	162	162	154	100			
64/ 63	.2	.8	.3	.2	.3	.8	.9	.8	.9	.4	.0	.0	.0	.0	.0	.0	.0	139	139	170	138			
62/ 61	.2	.8	.3	.4	.6	.7	.7	.9	.6	.1	.0	.0	.0	.0	.0	.0	.0	131	131	162	173			
60/ 59	.3	.9	.1	.4	.3	.6	.8	.9	.7	.1	.0	.0	.0	.0	.0	.0	.0	121	121	186	161			
58/ 57	.4	.4	.1	.1	.3	.7	.8	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	81	81	154	137			
56/ 55	.1	.3	.1	.0	.3	.7	.8	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	85	85	187	114			
54/ 53	.0	.4	.2	.2	.4	1.1	.8	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	92	92	168	87			
52/ 51	.1	.3	.0	.2	.2	.7	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	64	64	135	93			
50/ 49	.3	.3	.2	.1	.3	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	44	44	131	107			
48/ 47	.0	.2	.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30	30	114	114			
46/ 45	.1	.3	.1	.2	.1	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	35	35	114	110			
44/ 43	.1	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15	15	96	90			
42/ 41	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	10	73	86			
40/ 39	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	7	58	101			
38/ 37	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	7	23	97			
36/ 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	26	101			
34/ 33																				12	81			
32/ 31																				9	82			
30/ 29																				1	77			
28/ 27																					49			
26/ 25																					57			
24/ 23																					47			
Element (X)	ΣX ²		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX			
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								
Mean No. of Hours with Temperature																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

PSYCHROMETRIC SUMMARY

MAR
MONTH

1200-1400
HOURS (L.S.T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION MOODY AFB GEORGIA/VALDOSTA 43-45.52-75 YEARS

MAR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	± 31	TOTAL D.B./W.B.	Dry Bulb Wet Bulb Dew Point
88/ 87									.0	.2	.2	.2	.0					16	16
86/ 85								.2	.4	.7	.3	.0		.1				41	41
84/ 83							.4	1.2	1.5	.9	.1	.1	.3					106	106
82/ 81					.1	.3	1.3	1.9	1.1	.5	.6	.6	.4					160	160
80/ 79					.1	1.0	1.6	1.8	1.2	.5	.4	.2	.5	.1				172	172
78/ 77				.1	.4	1.0	1.0	.7	1.3	.7	.6	.7	.4	.1				163	163
76/ 75	.1	.1	.1	.4	.7	.7	1.1	.6	1.2	.8	1.2	.5	.3	.0				184	184
74/ 73		.3	.1	.3	.5	.3	.8	.8	1.0	1.1	1.1	.3						151	151
72/ 71	.1	.1	.2	.5	.5	.7	1.1	1.1	1.2	1.0	.9	.5	.0					187	187
70/ 69	.3	.3	.3	.9	.6	.7	.9	1.1	1.0	.9	.7	.1						182	182
68/ 67	.3	.3	.9	.3	.5	.5	1.0	.8	1.0	1.0	.3	.0						160	160
66/ 65	.1	1.0	.4	.3	.3	.5	.5	1.1	1.2	.9	.3	.1						160	160
64/ 63	.2	.5	.3	.3	.2	.3	.6	.9	.9	.4	.3							116	116
62/ 61	.3	.8	.1	.3	.3	.5	1.0	.7	.8	.3								118	119
60/ 59	.1	.6	.1	.3	.1	.5	.5	.9	1.1	.1								103	103
58/ 57	.2	.3	.2	.0	.2	.5	.9	.5	.5									79	79
56/ 55	.2	.5	.1	.0	.1	.3	1.1	.5	.3									77	77
54/ 53	.4	.4	.0	.0	.2	.3	1.1	.4	.0									58	58
52/ 51	.2	.4			.1	.3	.4	.1										35	35
50/ 49	.1	.1		.0	.0	.3	.5	.1										29	29
48/ 47	.3	.3	.0	.3	.1	.2	.2	.2										29	29
46/ 45	.2	.2	.1	.1	.0	.1	.1											14	14
44/ 43	.1	.1		.0	.1	.2												12	12
42/ 41	.1	.1	.1	.1	.0	.1												11	11
40/ 39						.0												1	1
38/ 37	.1																	2	2
36/ 35	.0																	1	1
34/ 33																			
32/ 31																			
30/ 29																			
28/ 27																			
26/ 25																			
24/ 23																			
22/ 21																			
Element (X)	ΣX'	ΣX			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature			± 80 F		
Rel. Hum.																			
Dry Bulb																			
Wet Bulb																			
Total																			

PSYCHROMETRIC SUMMARY

MAR
MONTI

PAGE 2 1500-1700
HOURS (L. S.T.)

DATA PROCESSING 'RANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MUDDY AFB GEORGIA/VALDOSTA 43-45, 52-75

MAR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
86/ 85								.0	.0	.0	.1							5	5			
84/ 83								.1		.1	.1							5	5			
82/ 81						.1	.2	.3	.1	.1	.2		.0	.0				19	19			
80/ 79					.1	.5	.7	.7	.3	.2	.2	.0	.1					62	62			
78/ 77				.1	.3	.7	1.1	.4	.3	.4	.3		.1					80	80			
76/ 75			.1	.7	1.2	1.3	.7	.7	.1	.3	.4	.1	.0					120	120			
74/ 73		.2	.4	1.1	1.5	1.2	1.0	.7	.6	.3	.2	.1	.0					148	148	2	1	
72/ 71		.4	.8	1.5	1.5	.9	.6	.7	.9	.8	.2	.1						163	163	20	1	
70/ 69		.4	1.0	1.4	.7	1.4	.7	.9	.9	.5	.2	.0						166	166	60	10	
68/ 67		.8	1.2	.9	.9	1.3	1.3	.9	.7	.4	.2							175	175	124	38	
66/ 65	.2	1.3	1.0	.8	1.1	1.4	1.0	1.1	.7	.5	.1							187	187	183	78	
64/ 63	.3	.7	.7	.9	.9	1.2	.9	1.2	1.0	.4								176	170	153	120	
62/ 61	.3	1.1	.2	.6	.9	.7	.9	1.0	.3	.2								129	129	150	140	
60/ 59	.2	.7	.3	.7	.6	1.2	.9	.9	.5									124	124	140	123	
58/ 57	.1	.6	.3	.4	.9	1.1	.9	.7	.5	.0								116	116	145	95	
56/ 55	.1	.7	.5	.3	.8	.8	.7	.3	.1									91	91	185	131	
54/ 53		.3	.2	.1	.5	.9	.6	.3										61	61	133	95	
52/ 51	.0	.2	.2	.3	.6	.9	.5	.0										58	58	129	100	
50/ 49		.1	.1	.2	.5	.8	.4	.1										49	49	144	76	
48/ 47	.1	.1	.0	.3	.4	.6	.4	.0										42	42	106	87	
46/ 45		.0		.1	.3	.5	.0											21	21	92	99	
44/ 43	.2	.0	.1	.3	.1	.2												21	21	87	76	
42/ 41			.1	.0	.1	.0												7	7	52	90	
40/ 39		.2	.0	.1	.1													9	9	60	82	
38/ 37				.0	.0													6	6	36	92	
36/ 35					.0													1	1	18	83	
34/ 33					.0													2	2	10	69	
32/ 31						.1														4	64	
30/ 29																				2	60	
28/ 27																				1	59	
26/ 25																				1	37	
24/ 23																					41	
22/ 21																					26	
20/ 19																					22	
Element (X)	Σ X ²			Σ X			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature					Total	
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 2

1800-2000
HOURS (L.S.T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION

MUDDY AFB GEORGIA/VALDOOSTA

STATION NAME

43-45,52-75

YEARS

NAR MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
78/ 77					.1	.1	.1											2	2			
76/ 75				.3	.6	.3	.1											8	8			
74/ 73		.1	.6	.6	.6	.3	.1											33	33			
72/ 71		.4	1.4	1.0	.5	.1												50	50	1		
70/ 69	.1	1.1	2.4	1.1	.5	.1	.3	.1	.1									88	88	31	14	
68/ 67	.1	1.1	2.2	2.0	.5	.3	.1	.2	.1									98	99	54	27	
66/ 65	.1	3.8	2.0	1.8	1.0	1.1	.5	.1	.1	.1								156	156	91	50	
64/ 63	.5	1.8	2.2	1.1	1.2	1.0	.4	.5	.1									131	131	129	94	
62/ 61	.2	1.9	1.4	2.1	1.6	.9	.1	.3	.2									130	130	104	106	
60/ 59	.7	1.1	1.3	2.8	1.5	1.0	.6	.3	.1									140	140	94	104	
58/ 57	.7	1.2	1.4	1.6	1.3	.8	.7	.1	.1									116	116	98	95	
56/ 55	.5	1.2	.9	1.4	1.6	.8	.6	.1										106	106	115	69	
54/ 53	.1	.6	.7	1.5	1.2	.9	.3	.1										81	81	131	69	
52/ 51	.3	.3	1.1	1.5	1.3	.3	.3											72	72	82	74	
50/ 49	.1	.5	1.0	1.0	1.1	.1	.2											61	61	84	88	
48/ 47	.2	.3	.7	.7	1.1	.6	.1											57	57	101	72	
46/ 45	.3	.1	.3	1.7	1.4	.3	.1											58	58	86	71	
44/ 43	.3	.1	.5	1.1	.3	.3												39	39	72	72	
42/ 41			.5	.5	.2													18	18	47	66	
40/ 39	.1	.1	.3	.4	.1													14	14	53	49	
38/ 37	.1	.3	.3	.2														12	12	51	61	
36/ 35	.2	.2	.1															4	4	30	52	
34/ 33		.2	.2	.1														5	5	17	53	
32/ 31				.1														1	1	4	53	
30/ 29				.1														2	2	3	35	
28/ 27																				2	34	
26/ 25																				1	25	
24/ 23																				2	20	
22/ 21																					11	
20/ 19																					7	
18/ 17																					3	
16/ 15																					4	
14/ 13																					2	
12/ 11																					1	
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						≥ 0 F	≥ 32 F	≥ 47 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.																						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION MOODY AFB GEORGIA/VALDOSTA 42-46, 52-61, 73, 75 YEARS APR MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb Wet Bulb Dew Point
76/ 75																		1	1
74/ 73		.4	.6	.4	.1	.1												22	22
72/ 71	.1	1.7	1.1	.4	.2	.1												49	49
70/ 69	.4	3.8	2.0	1.2	.7	.1	.1											111	111
68/ 67	.3	5.8	4.0	1.0	.6	.2	.2	.1										165	165
66/ 65	1.2	5.7	3.0	2.4	1.0	.7	.1	.1	.1									192	192
64/ 63	.8	3.9	3.3	1.3	1.1	.4	.1											148	148
62/ 61	.7	4.5	2.5	1.4	1.3	.4	.1	.1										150	150
60/ 59	.4	3.3	2.4	2.1	1.0	.3	.1	.1	.1									129	129
58/ 57		1.3	1.8	2.1	1.3	.3	.1	.1	.1	.1								94	94
56/ 55		1.0	2.5	1.3	.6	.7	.1	.1	.1									86	86
54/ 53	.1	.5	2.0	1.6	.6	.1	.1											68	68
52/ 51		.6	1.6	.9	.7	.2												55	55
50/ 49	.1	.3	1.0	1.0	.1	.1	.1											37	37
48/ 47		.1	.4	.7	.4	.1												22	22
46/ 45	.1	.1	.7	.2	.1													16	16
44/ 43		.1	.4	.1														8	8
42/ 41																			
40/ 39																			
38/ 37																			
36/ 35																			
34/ 33																			
32/ 31																			
30/ 29																			
26/ 25																			
24/ 23																			
TOTAL	4.333	0.029	3.183	9.8	3.7	.9	.5	.1										1353	1353

Element (X)	Σ X'	Σ X	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	8780297	107397	79.4	13.746	1353	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 93 F	Total
Dry Bulb	5211269	83515	61.7	6.450	1353			23.1	1.5		90
Wet Bulb	4617384	78398	57.9	7.433	1353			9.4	.1		90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MOODY AFB GEORGIA/VALDOSTA

42-46,52-75

APR

STATION

STATION NAME

YEARS

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
88/ 87							.0		.0	.1	.0							5	5			
86/ 85							.0		.1	.1	.0							6	6			
84/ 83					.0		.3	.0	.1	.0	.2	.0						22	22			
82/ 81					.2		.9	.6	.4	.1	.3	.0	.0					73	73			
80/ 79				.2	.9	1.6	1.2	.9	.6	.2	.1	.1						139	139			
78/ 77				.8	1.8	2.0	1.8	1.4	.5	.3	.2	.0						217	217			
76/ 75			.5	2.5	2.6	2.0	1.7	.8	.5	.6	.1	.1						277	277	6		
74/ 73		.2	1.5	2.2	1.6	2.0	1.5	.8	.5	.2	.0							257	257	25	2	
72/ 71		.6	1.3	1.8	1.4	1.5	1.2	.7	.7	.5	.2							237	237	104	14	
70/ 69	.0	.7	1.7	1.6	1.4	1.8	1.3	1.0	.6	.2	.1							252	253	239	67	
68/ 67	.1	.4	1.1	1.8	1.1	1.0	1.0	.6	.7	.2	.1							195	195	275	161	
66/ 65	.4	1.2	1.0	.9	.9	1.1	.8	.5	.5	.1								182	182	277	214	
64/ 63	.3	.8	.5	.6	.9	.7	.7	.7	.4	.0								133	133	264	212	
62/ 61	.3	.5	.4	.5	.6	.9	.8	.3	.2	.1								112	112	235	193	
60/ 59	.0	.5	.6	.5	.4	.5	.6	.4	.2									90	90	179	190	
58/ 57		.5	.3	.3	.6	.6	.5	.3	.1									75	75	167	176	
56/ 55	.0	.1	.3	.2	.5	.6	.5	.1										56	56	155	169	
54/ 53	.0	.2	.1	.1	.1	.3	.4	.0										28	28	107	136	
52/ 51		.0	.0	.1	.2	.3	.1	.1										21	21	91	125	
50/ 49		.0	.1	.1	.2	.1	.1											14	14	94	102	
48/ 47		.1	.0	.1	.1	.1	.1											12	12	63	94	
46/ 45							.0											1	1	56	75	
44/ 43				.1	.0													3	3	28	84	
42/ 41																				25	54	
40/ 39																				6	53	
38/ 37																			1	9	65	
36/ 35																				1	45	
34/ 33																				1	42	
32/ 31																					34	
30/ 29																					25	
28/ 27																					19	
26/ 25																					21	
24/ 23																					9	
22/ 21																					5	
Element (X)	Σ X ²			Σ X			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature					Total	
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																						
Wet Bulb																						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

42-46,52-75

YEARS

APR
MONTH

PAGE 2 0900-1100
HOURS (U.S.T.)

DATA PROCESSING BRANCH
USAF ETAC
AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13857 MUDDY AFB GEORGIA/VALDOSTA STATION NAME 42-46,52-75 YEARS MONTH APR
PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93													.0	.0				1	1		
92/ 91										.0		.2	.1	.2				3	3		
90/ 89									.1	.1	.2	.4	.3	.2	.2			28	28		
88/ 87								.1	.2	.6	.7	.4	.3	.2	.0			68	68		
86/ 85						.1	.4	1.2	2.0	1.1	.6	.5	.5	.2				165	165		
84/ 83					.0	.4	1.4	2.6	2.0	1.3	1.1	.5	.2	.2				243	243		
82/ 81					.4	.7	1.8	2.7	1.8	1.7	1.2	.7	.3	.0				283	284		
80/ 79				.2	.7	1.5	2.2	1.9	2.3	1.2	1.0	.5	.2	.0				299	299		
78/ 77			.0	.5	.9	1.5	1.1	2.0	1.8	1.1	.9	.1	.2					255	255		
76/ 75			.1	.4	1.1	1.1	1.1	1.8	.9	1.4	1.0	.3	.0					231	231	7	
74/ 73		.1	.6	.4	.7	.8	1.0	1.2	1.1	.9	.7	.2						196	196	69	1
72/ 71	.0	.3	.4	.4	.6	.5	.8	.2	.8	1.0	.5	.1	.0					141	141	174	16
70/ 69	.1	.2	.4	.5	.6	.3	.6	.4	.8	.6	.4	.2						129	129	292	64
68/ 67	.2	.6	.3	.2	.3	.1	.6	.6	1.0	.6	.3	.0						122	122	296	97
66/ 65	.3	.7	.2	.3	.4	.2	.3	.7	.8	.3	.2							108	108	291	171
64/ 63	.3	.4	.1	.3	.2	.3	.4	.4	.3	.2	.0							72	72	289	222
62/ 61	.3	.4		.2	.3	.3	.5	.2	.3	.1								66	66	252	195
60/ 59	.3	.3		.1	.2	.2	.2	.4	.1	.1								42	42	189	206
58/ 57		.1	.1	.1	.0	.1	.1	.4	.1									26	26	150	169
56/ 55			.1	.1		.1	.1	.2										13	13	118	162
54/ 53			.0	.0			.0	.0										3	3	110	160
52/ 51			.1	.1	.0			.0										4	4	107	160
50/ 49							.0											1	1	62	98
48/ 47																				44	98
46/ 45	.1	.0		.0														4	4	25	109
44/ 43				.0														1	1	18	93
42/ 41																				6	90
40/ 39																				5	86
38/ 37																					57
36/ 35																					60
34/ 33																					49
32/ 31																					31
30/ 29																					34
28/ 27																					20
Element (X)	Mean No. of Hours with Temperature																No. Obs.		Total		
Rel. Hum.																					
Dry Bulb																					
W. B. I.L.																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOOSTA
STATION NAME

42-46, 52-75

YEARS

APR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb Dew Point
96/ 95												.0		.1				3	3
94/ 93											.0					.1		3	3
92/ 91										.0	.0	.1	.1	.2	.0	.1		20	20
90/ 89									.2	.3	.4	.2	.4	.2	.2			47	47
88/ 87								.3	.9	1.9	1.0	.3	.5	.1	.1			128	128
86/ 85							.2	.8	2.7	2.1	1.3	1.2	.6	.3	.2			229	229
84/ 83						.1	.8	2.2	2.4	2.3	1.9	1.1	.7	.5				294	294
82/ 81				.0	.2	.7	1.1	1.4	2.2	2.2	1.5	1.2	.5	.2				289	289
80/ 79				.1	.7	.9	1.4	1.9	1.9	1.3	1.3	.8	.1					244	244
78/ 77	.0		.2	.5	.8	.8	.9	1.1	1.3	1.3	1.5	.6	.2					230	230
76/ 75		.1	.2	.5	.9	.5	1.1	1.1	1.0	1.1	1.0	.9	.2					208	208
74/ 73		.3	.4	.4	.5	.4	.8	.6	.5	.8	.8	.6	.1	.0				154	154
72/ 71		.4	.4	.3	.6	.6	.2	.4	1.3	.7	.6	.2	.0					147	148
70/ 69		.5	.6	.3	.5	.2	.3	.4	.8	.9	.4	.1						125	125
68/ 67	.2	.5	.4	.2	.2	.1	.2	.6	.9	.4	.2	.0						103	103
66/ 65	.1	.6	.6	.1	.3	.1	.7	.4	.3	.3	.1							86	86
64/ 63	.1	.4	.4	.2	.1	.2	.5	.0	.2	.0	.0							56	56
62/ 61	.2	.4	.2	.1	.2	.1	.2	.4	.6	.1								60	60
60/ 59	.1	.4			.0	.1	.1	.4	.1									25	25
58/ 57	.1		.1			.1		.1	.0									9	9
56/ 55						.1		.1										5	5
54/ 53			.1															3	3
52/ 51																			
50/ 49																			
48/ 47																			
46/ 45																			
44/ 43	.1																	3	3
42/ 41																			
40/ 39																			
38/ 37																			
36/ 35																			
34/ 33																			
32/ 31																			
30/ 29																			
Element (X)	Σ X ²	Σ X	X̄	No. Obs.				Mean No. of Hours with Temperature								Total			
Rel. Hum.								≥ 0 F								≥ 80 F			
Dry Bulb																			
Wet Bulb																			

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13857

HOODY AFB GEORGIA/VALDOSTA

	YEARS
42-46, 52-75	

APR
MONTH

PAGE 2 1500-1700
HOURS (L. S.T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION MUDDY AFB GEORGIA/VALDOSTA
STATION NAME

42-46,52-75

YEARS

APR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point			
90/ 89										.0	.0	.0	.1			.0		6	6					
88/ 87								.1	.1	.1	.1	.1		.1				13	13					
86/ 85							.1	.5	.6	.4	.3	.2	.0	.0				46	46					
84/ 83						.2	.3	.6	.8	.7	.4	.3	.1	.1				76	76					
82/ 81				.0	.0	.2	.3	1.2	1.4	.8	.6	.3	.4					141	141					
80/ 79						.4	1.1	2.1	1.7	1.1	.7	.3	.0					188	188					
78/ 77			.1	.6	1.4	1.7	1.6	1.7	1.0	1.0	.7	.1						216	216					
76/ 75		.2	.5	1.8	2.1	2.1	1.4	1.3	1.2	1.0	.3	.1	.0					261	261	3				
74/ 73		.1	1.0	1.5	1.8	1.5	1.4	1.5	1.0	.7	.3	.0	.0					237	237	28				
72/ 71		.7	.6	1.0	1.2	1.1	1.2	.8	.8	.5	.3	.1	.0					178	178	87				
70/ 69	.1	.8	.6	1.2	.9	1.1	1.0	1.2	1.1	.7	.1	.0						191	191	211				
68/ 67	.3	1.5	.6	.6	.8	.5	1.2	1.0	.6	.4	.2							165	165	27				
66/ 65	.1	1.0	.7	.6	.4	.9	1.1	.9	.5	.2	.0							139	139	281				
64/ 63	.0	.8	.5	.3	.3	.5	.8	.6	.2	.0								95	95	213				
62/ 61	.5	.6	.4	.3	.3	.0	.5	.9	.1	.2	.1							79	79	229				
60/ 59	.2	.2	.2	.3	.4	.3	.4	.6	.1									58	58	197				
58/ 57	.0	.1	.3	.0	.3	.2	.2	.3	.0									34	34	158				
56/ 55	.0	.0	.1	.1	.1	.3	.2	.0										20	20	130				
54/ 53		.1	.0		.2	.0	.1											11	11	109				
52/ 51		.0		.1	.0	.0	.0											6	6	94				
50/ 49				.0	.0	.0												2	2	66				
48/ 47																				36				
46/ 45																				33				
44/ 43	.1																	3	3	16				
42/ 41																				4				
40/ 39																				73				
38/ 37																				62				
36/ 35																				60				
34/ 33																				46				
32/ 31																				38				
30/ 29																				22				
28/ 27																				25				
26/ 25																				16				
24/ 23																				9				
24/ 23																				8				
Element (X)	Σ X ²				Σ X				X̄				s ²				No. Obs.				Mean No. of Hours with Temperature			
Rel. Hum.																					≥ 80 F			
Dry Bulb																					≥ 73 F			
Wet Bulb																					≥ 67 F			
																					≥ 32 F			
																					≥ 0 F			
																					≥ 93 F			
																					Total			

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOOSTA
STATION NAME

42-46,52-75
YEARS

APR
MONTH

PAGE 1 2100-2300
HOURS (U. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		Dew Point					
	0	1	2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb								
82/ 81																			1	1									
80/ 79																			8	8									
78/ 77																			23	23									
76/ 75																			65	65									
74/ 73																			150	150	9	2							
72/ 71																			169	169	27	15							
70/ 69																			218	218	111	44							
68/ 67																			227	227	148	93							
66/ 65																			196	196	201	127							
64/ 63																			151	151	183	157							
62/ 61																			125	125	168	151							
60/ 59																			111	111	173	149							
58/ 57																			62	62	53	115							
56/ 55																			53	53	100	131							
54/ 53																			48	48	119	90							
52/ 51																			32	32	75	96							
50/ 49																			17	17	72	93							
48/ 47																			5	5	55	74							
46/ 45																			5	5	34	69							
44/ 43																			2	2	27	77							
42/ 41																					9	48							
40/ 39																					4	44							
38/ 37																						35							
36/ 35																						10							
34/ 33																						9							
32/ 31																						11							
30/ 29																						5							
28/ 27																						1							
26/ 25																						1							
20/ 19																													
TOTAL	2.113	2.18	5.24	0.19	8.12	5.5	2.7	1.3	.4	.1									1668	1668	1668	1668							
Element (X)	Σ X																			Σ X ²		Mean No. of Hours with Temperature							Total
Rel. Hum.	116907																			8597319		1668							Total
Dry Bulb	109844																			730142		1668							92
Wet Bulb	99712																			6041876		1668							90

DATA PROCESSING BRANCH
USAF ET/C
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1325/ STATION

MOODY AFB GEORGIA/VALDOOSTA

42-46, 52-60, 63-64, 68-71, 73-75

MAY

STATION NAME

MOODY AFB GEORGIA/VALDOOSTA

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
84/ 83						.1												1	1			
82/ 81						.1												1	1			
80/ 79						.1												4	4			
78/ 77		.1	.2	.3	.2	.2												11	11			
76/ 75		.6	1.8	1.2	.2	.4	.1											61	61	2		
74/ 73	.1	2.7	3.9	2.7	.7	.3	.2											149	149	18	6	
72/ 71	.6	6.0	6.5	1.9	1.2	.2	.1	.1										234	234	110	57	
70/ 69	1.4	10.2	7.3	2.1	.9	.2	.1											311	311	229	150	
68/ 67	1.7	7.0	4.1	1.3	.9	.5	.1	.1										221	221	298	270	
66/ 65	.9	3.4	2.8	1.9	.7	.6	.2											149	149	224	226	
64/ 63	.1	1.1	1.8	1.8	.6	.2		.1										80	80	146	168	
62/ 61	.4	.7	1.4	1.6	.6	.1	.1											70	70	75	120	
60/ 59	.1	.6	.9	.7	.5	.1												40	40	82	70	
58/ 57	.1	.2	.8	.4	.6	.1												31	31	69	66	
56/ 55		.1	.5	1.1	.3	.1												29	29	58	68	
54/ 53		.1	.4	.2														11	11	32	43	
52/ 51			.1	.1														3	3	25	43	
50/ 49																				31	34	
48/ 47																				6	27	
46/ 45																				1	22	
44/ 43																					19	
42/ 41																					14	
40/ 39																					1	
38/ 37																					2	
TOTAL	5.332	.832	.517	.5	7.7	3.0	.9	.3										1406	1406	1406	1406	
Element (X)		Σ X ²		Σ X		Ȳ	σ _x		No. Obs.	Mean No. of Hours with Temperature												
Rel. Hum.		9746061		115951		82.511	4.35		1406	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb		6564495		95831		68.2	4.831		1406				65.7	15.0	.2						93	
Wet Bulb		5911638		90832		64.6	5.571		1406				43.5	1.3							93	
																					93	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION MUDDY AFB GEORGIA/VALDOSTA YEARS 42-46, 52-75
MAY MONTH
PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77		.1	.1	.2	.1	.1												8	8	2	2
76/ 75		.4	.1	.3	.1	.1												17	17	13	1
74/ 73	.1	1.3	1.8	.6	.3	.1												77	77	78	50
72/ 71	.6	5.2	1.7	.3	.5	.1												155	155	238	185
70/ 69	1.7	12.9	3.9	.8	.5	.1												386	388	361	309
68/ 67	2.6	11.6	4.3	1.2	.2	.1												390	390	314	305
66/ 65	1.4	8.0	2.7	1.2	.2	.2												268	269	236	248
64/ 63	.8	3.8	2.1	.9	.4	.2	.2											159	161	147	169
62/ 61	.5	2.7	2.1	1.2	.6	.1	.1											137	139	132	120
60/ 59	.3	3.1	1.5	.9	.4	.1	.1											122	122	131	139
58/ 57	.3	2.0	1.5	.9	.3	.1	.1											95	95	97	107
56/ 55	.1	1.1	1.1	.6	.2													60	60	76	71
54/ 53		.2	.7	.5	.1													29	29	38	65
52/ 51	.1	.5	.7	.2	.2													30	30	40	55
50/ 49		.1	.2	.3														9	9	29	36
48/ 47		.1	.1															3	3	6	29
46/ 45																				7	27
44/ 43																					12
42/ 41																					5
40/ 39																					5
38/ 37																					1945
36/ 35																					1945
TOTAL	3.353	0.24	4.4	10.0	3.4	.8	.2											1945	1952	1945	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MOODY AFB GEORGIA/VALDOOSTA 42-46.52-75 MAY
STATION NAME YEARS MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87							.0	.0										2	2		
84/ 83						.1	.0											3	3		
82/ 81			.0	.0	.0	.0	.0											6	6		
80/ 79			.1	.4	.3	.1	.0											23	23		
78/ 77		.1	.4	1.2	.6	.4	.1	.0	.0									70	70	1	1
76/ 75		.6	2.3	1.9	1.1	.2	.0	.1	.1									145	145	10	2
74/ 73	.1	1.8	4.5	2.6	.8	.3	.1	.0										240	240	59	14
72/ 71	.3	5.3	4.7	2.0	.6	.4	.1											316	316	195	108
70/ 69	1.4	7.7	4.3	1.3	.9	.4	.2											379	380	380	275
68/ 67	1.4	6.6	3.5	1.3	.5	.4	.3											331	332	402	375
66/ 65	1.0	4.9	2.2	1.0	.6	.2	.1	.0										235	235	327	355
64/ 63	.4	3.2	1.8	1.0	.6	.3	.0	.0										173	174	232	266
62/ 61	.4	2.0	1.2	1.0	.5	.3	.1											128	130	179	204
60/ 59	.3	2.0	1.2	1.0	.4	.1	.0											118	118	150	148
58/ 57	.3	1.3	1.0	.6	.4	.1												88	88	127	145
56/ 55	.4	.6	.2	.2	.2	.1												36	36	109	97
54/ 53	.3	.4	.3	.1	.1	.0												26	26	65	99
52/ 51	.1	.2	.3	.1	.1													17	17	44	69
50/ 49	.1	.1	.1	.1														8	8	34	54
48/ 47	.1	.0	.0															3	3	17	43
46/ 45			.0															1	1	12	28
44/ 43																				4	28
42/ 41																				1	16
40/ 39																					10
38/ 37																					6
36/ 35																					5
TOTAL	5.836	528.7	15.9	7.8	3.5	1.4	.3	.0										2348	2353	2348	2348
Element (X)	Zx ²	Zx	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature												TOTAL			
Rel. Hum.	16510441	194903	83.0	11.892	2348	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	10904200	159586	67.8	5.858	2353			60.0	19.3	.8		93									
Wet Bulb	9805696	151086	64.3	5.976	2348			41.5	2.8			93									

Mean No. of Hours with Temperature

No. Obs.

°K

X̄

ΣX

ΣX²

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

≥ 80 F

≥ 73 F

≥ 67 F

≥ 32 F

≤ 0 F

≤ 32 F

≤ 0 F

≥ 80 F

≥ 73 F

≥ 67 F

≥ 32 F

≤ 0 F

≤ 32 F

≤ 0 F

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≥ 73 F

≥ 67 F

≥ 32 F

≤ 0 F

≤ 32 F

≤ 0 F

≥ 80 F

≥ 73 F

≥ 67 F

≥ 32 F

≤ 0 F

≤ 32 F

≤ 0 F

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857

MOODY AFB GEORGIA/VALDOSTA

42-46, 52-75

STATION NAME

YEARS

MAY
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL						
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
96/ 95																					.1	.0	.0									3	3				
94/ 93																					.2	.0	.0									1	1				
92/ 91																.0	.0	.2	.3	.1	.1	.1	.1	.0								11	11				
90/ 89															.1	.4	.3	.1	.1	.1	.1	.1	.1	.0	.0							24	24				
88/ 87											.0	.4	.8	.7	.8	.7	.3	.3	.3	.1	.1	.0	.0	.0								61	61				
86/ 85								.0		.7	.4	1.1	1.7	.8	.8	.8	.6	.6	.2	.2	.2	.1	.1	.0	.0							130	130				
84/ 83					.1	.1	.4	2.4	3.3	3.0	3.2	3.0	1.8	.8	.8	.8	.9	.9	.1	.1	.4	.0	.0	.0								232	232				
82/ 81					.2	.2	.8	3.3	4.2	4.2	3.4	2.2	1.8	1.2	1.2	.8	.3	.3	.3	.4	.1	.1	.0	.0								308	308				
80/ 79					.1	.1	.0	2.8	3.3	3.3	2.2	1.6	1.4	1.2	1.2	.6	.5	.5	.2	.0	.0	.1	.1	.1								339	339		1		
78/ 77					.2	.2	.8	3.3	4.2	4.2	3.4	2.2	1.8	1.1	1.2	.6	.5	.5	.2	.0	.0	.1	.1	.1								365	365		2		
76/ 75					.3	.3	.8	3.3	4.2	4.2	3.4	2.2	1.8	1.1	1.2	.6	.5	.5	.2	.0	.0	.1	.1	.1								304	304		8		
74/ 73	.0	.2	.4	.5	1.5	2.4	1.7	.8	1.0	.8	.6	.4	.6	.3	.4	.2	.2	.1	.1	.1	.1	.1	.1	.1								231	231		34		
72/ 71	.2	.4	.8	.8	1.2	1.4	.8	.5	.6	.6	.4	.6	.3	.4	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1								155	155		152		
70/ 69	.2	.8	.8	.7	.7	.3	.3	.3	.2	.2	.2	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								125	125		303		
68/ 67	.0	.6	.5	.5	.3	.3	.3	.3	.2	.2	.2	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								74	74		393		
66/ 65	.1	.4	.6	.6	.2	.2	.2	.2	.2	.2	.2	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								57	57		354		
64/ 63	.0	.1	.2	.1	.2	.1	.2	.3	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								31	31		272		
62/ 61	.1	.1	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0								15	15		198		
60/ 59	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								26	26		150		
58/ 57	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								8	8		137		
56/ 55							.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								2	2		127		
54/ 53							.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								2	2		79		
52/ 51																																		22	22		61
50/ 49																																		9	9		57
48/ 47																																		7	7		42
46/ 45																																		2	2		38
44/ 43																																		1	1		27
42/ 41																																				25	
40/ 39																																				17	
38/ 37																																				11	
36/ 35																																				8	
34/ 33																																				3	
32/ 31																																				3	
30/ 29																																				3	
Element (X)	Σ X ²																Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Rel. Hum.																																					
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

DATA PROCESSING BRANCH
USAF-ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

42-46252-75

YEARS

MAY
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION MOODY AFB GEORGIA/VALDOSTA 42-46.52-75 YEARS MAY MONTH
PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		Dew Point							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb								
100/ 99														.0				1	1									
98/ 97													.0	.2	.0			6	6									
96/ 95									.0		.1	.7	.5	.1	.0			17	17									
94/ 93									.1		.5	.9	.3	.2	.1			57	57									
92/ 91								.0	.5	1.2	1.2	.9	.3	.2	.1			114	114									
90/ 89							.1	.5	2.3	2.8	1.5	.9	.7	.1	.1			229	229									
88/ 87				.0	.0	.0	.9	.9	3.2	2.4	1.1	1.0	.5	.0				310	310									
86/ 85				.0	.1	.9	2.3	3.5	3.2	2.0	1.0	.5	.3					353	353									
84/ 83				.0	.5	1.4	3.7	2.8	2.3	1.6	1.0	.7	.1					363	363									
82/ 81			.1	.3	.9	1.3	2.2	1.9	1.4	1.2	.9	.4	.1					276	276									
80/ 79			.2	.7	1.4	1.7	1.2	1.4	1.2	.9	.6	.2						248	248	4								
78/ 77		.0	.2	.6	1.0	.7	.9	.9	.9	1.0	.3	.3						180	180	16								
76/ 75	.0	.2	.5	.6	.6	.3	.8	.5	.5	.6	.4	.1						132	132	156								
74/ 73	.1	.4	.4	.6	.2	.2	.2	.3	.3	.3	.3							86	86	398								
72/ 71		.7	.3	.3	.1	.1	.2	.2	.1	.4	.0							63	63	521								
70/ 69	.1	.7	.3	.1	.2	.1	.0	.0	.2	.2								52	52	421								
68/ 67	.2	.3	.3	.2	.1	.1	.1	.2	.1	.0								37	37	325								
66/ 65	.0	.2	.2	.2	.0	.0	.1	.1	.1	.1								25	25	222								
64/ 63		.1	.1	.0		.0	.1	.0	.0									10	10	176								
62/ 61		.1	.0	.0		.0	.0		.0									7	7	115								
60/ 59		.0	.2															6	6	82								
58/ 57					.0													1	1	57								
56/ 55																				41								
54/ 53																				19								
52/ 51																				13								
50/ 49																				5								
48/ 47																				1								
46/ 45																				1								
44/ 43																				41								
42/ 41																				30								
40/ 39																				27								
38/ 37																				19								
36/ 35																				8								
34/ 33																												
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						TOTAL											
Rel. Hum.											≥ 0 F						≥ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																												
Wet Bulb																												
Dew Point																												

PSYCHROMETRIC SUMMARY

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION HOODY AFB GEORGIA/VALDOSTA 42-46.52-75 YEARS MAY MONTH
PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
100/ 99													.1	.1	.0			5	5			
98/ 97												.0	.2	.2	.1			12	12			
96/ 95									.1	.0	.2	.2	.9	.2				40	40			
94/ 93								.0	.3	.1	.9	1.5	.8	.3	.1	.0		93	93			
92/ 91								.0	.8	1.5	2.4	1.6	.9	.1	.2	.1		179	179			
90/ 89								.2	1.8	3.5	2.3	1.7	1.1	.3				290	290			
88/ 87							.1	.2	2.5	2.9	1.7	1.3	.9	.1	.0			294	294			
86/ 85				.0	.0	.0	.3	1.6	2.2	2.0	1.5	1.1	.4	.2				320	321			
84/ 83				.0	.1	.8	.3	1.8	2.5	2.1	1.5	1.1	.9	.3				283	283			
82/ 81			.0	.2	.6	1.3	1.1	1.1	1.4	.5	1.2	1.0	.2					221	221			
80/ 79			.5	.4	.7	1.1	1.3	.6	1.1	.9	.7	.5	.0					186	186		6	
78/ 77			.4	.9	.8	.7	.6	.9	.5	.5	.7	.3						155	155		8	
76/ 75		.1	.7	1.2	.8	.3	.2	.4	.3	.4	.5	.3						130	130	92	6	
74/ 73	.1	.8	1.2	.8	.3	.3	.1	.1	.2	.3	.1							107	107	307	20	
72/ 71	.1	1.1	.6	.4	.1	.2	.0	.1	.2	.3	.2							69	69	554	62	
70/ 69	.2	.6	.6	.2	.2	.2	.1	.2	.0	.1	.1							61	61	472	172	
68/ 67	.1	.5	.4	.2	.1	.0	.1	.2	.1	.1								47	47	348	256	
66/ 65	.1	.3	.0	.2	.1	.0	.1	.0										17	17	247	271	
64/ 63	.1	.1	.1	.0														7	7	172	310	
62/ 61	.1	.1	.0															3	3	126	287	
60/ 59		.1	.1	.1														7	7	81	241	
58/ 57		.0	.0															2	2	52	177	
56/ 55																				34	157	
54/ 53																				20	111	
52/ 51																				6	98	
50/ 49																				3	95	
48/ 47																					61	
46/ 45																					48	
44/ 43																					38	
42/ 41																					48	
40/ 39																					30	
38/ 37																					15	
36/ 35																					12	
34/ 33																					5	
Element (X)	Σ X ²				Σ X				σ _x				No. Obs.				Mean No. of Hours with Temperature				Total	
Rel. Hum.																	≥ 80 F				≥ 93 F	
Dry Bulb																	≥ 67 F					
Wet Bulb																						

PSYCHROMETRIC SUMMARY

MAY
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

USAFETAC FORM JUL 64 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION MUDDY AFB GEORGIA/VALDOOSTA 42-46, 52-75 YEARS PAGE 1 1800-2000 MAY MONTH HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
96/ 95											.0	.1	.0	.1				6	6					
94/ 93										.0	.3	.2	.1	.1				11	11					
92/ 91									.0	.6	1.2	.5	.1	.1				24	24					
90/ 89									.0	1.4	1.2	.6	.2	.1	.0			79	79					
88/ 87							.1	.1	.6	1.6	1.2	.9	.6	.0	.0			113	113					
86/ 85				.0	.0	.0	.8	2.2	2.0	1.2	.9	.6	.0	.0				173	173					
84/ 83					.2	1.2	2.1	2.0	1.3	1.2	.8	.4	.0					198	198					
82/ 81				.0	.7	2.5	2.7	1.6	1.2	.9	.2	.3						221	221		1			
80/ 79		.1	.1	.4	2.1	3.6	2.1	1.2	1.2	.9	.5	.2						270	270		1			
78/ 77		.1	.8	1.7	2.9	1.6	1.6	1.1	.7	.4	.3							244	244		4			
76/ 75		.1	.9	2.6	1.7	1.5	.9	.6	.7	.6	.3							222	222		30			
74/ 73		.7	1.9	1.4	1.4	.6	.6	.6	.7	.6	.2							191	191		186			
72/ 71		2.3	1.3	.9	.9	.2	.5	.3	.4	.1	.0							152	152		369			
70/ 69	.4	2.3	1.1	.5	.4	.2	.3	.4	.3		.0							128	128		496			
68/ 67	.2	1.0	.4	.3	.3	.2	.3	.2	.1									69	69		335			
66/ 65	.5	.5	.2	.3	.1	.2	.3	.1										37	37		253			
64/ 63	.0	.1	.2	.3	.0	.0	.0	.0										17	17		158			
62/ 61		.1	.0	.0	.0	.1	.0											8	8		105			
60/ 59		.0	.0	.0	.0													3	3		81			
58/ 57		.0	.1	.0														4	4		57			
56/ 55			.1															2	2		54			
54/ 53	.0																	1	1		21			
52/ 51																					13			
50/ 49																					3			
48/ 47																					44			
46/ 45																					42			
44/ 43																					39			
42/ 41																					27			
40/ 39																					19			
38/ 37																					8			
36/ 35																					3			
34/ 33																					1			
32/ 31																					3			
30/ 29																					1			
Element (X)	Σ X ²				Σ X				X̄				σ _x				No. Obs.				Mean No. of Hours with Temperature			
Rel. Hum.																					≥ 80 F			
Dry Bulb																					≥ 73 F			
Wet Bulb																					≥ 67 F			
Dew Point																					≥ 32 F			
																					≥ 0 F			
																					≥ 93 F			
																					Total			

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-46,52-75

SVAPS

MONTH
DAY

PAGE 2 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb		
TOTAL	0	6	7.4	7.2	8.7	10.9	12.2	12.6	11.2	10.7	8.7	5.5	3.2	.7	.2	.0		2173	2173	2173		

PSYCHROMETRIC SUMMARY

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87							.1											1	1		
86/ 85							.1											3	3		
84/ 83							.1											14	14		
82/ 81							.1											32	32		
80/ 79							.1											66	66		
78/ 77							.1											151	151		1
76/ 75							.1											261	261		12
74/ 73							.1											275	275		69
72/ 71							.1											252	252		80
70/ 69							.1											261	261		360
68/ 67							.1											148	148		317
66/ 65							.1											93	93		218
64/ 63							.1											50	50		142
62/ 61							.1											23	23		111
60/ 59							.1											19	19		72
58/ 57							.1											18	18		68
56/ 55							.1											2	2		46
54/ 53							.1											4	4		36
52/ 51							.1														29
50/ 49							.1														5
48/ 47							.1														2
46/ 45							.1														
44/ 43							.1														
42/ 41							.1														
40/ 39							.1														
38/ 37							.1														
36/ 35							.1														
TOTAL	2,114,319.723	318.412	75.8	2.4	.7	.1												1683	1683	1683	1683

Element (X)	Mean No. of Hours with Temperature																TOTAL		TOTAL	
	Σ X ²	Σ X	X̄	σ _x	No. Obs.	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total	Total	Total	Total	Total	Total	Total	Total	Total
Rel. Hum.	9451586	123942	73.613	880	1633															
Dry Bulb	8730918	120930	71.9	4.975	1683															
Wet Bulb	7372953	111043	66.0	5.254	1683															

PSYCHROMETRIC SUMMARY

42-46, 52-62, 65-66, 69-73, 75 YEARS

JUN
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

42-46, 52-75

YEARS

JUN
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MOODY AFB GEORGIA/VALDOOSTA 42-46,52-75 JUN MONTH
STATION STATION NAME YEARS

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL		Dew Point				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
90/ 89						.0												1	1	
88/ 87							.1											3	3	
86/ 85				.0	.1	.1	.0											7	7	
84/ 83				.5	.6	.2	.2											32	32	
82/ 81			.7	1.1	.7	.3	.1	.0										64	64	
80/ 79		.4	2.5	3.3	1.1	.1												167	167	5
78/ 77	.0	2.0	5.7	2.5	.9	.2	.0											256	256	52
76/ 75	.4	6.9	6.8	1.9	.7	.2	.2	.0										385	385	201
74/ 73	.6	10.9	5.9	1.7	.5	.2	.2	.0										450	450	461
72/ 71	1.1	10.7	3.8	.9	.4	.0	.2	.0										387	389	542
70/ 69	1.7	5.3	2.5	.8	.6	.2		.1										250	253	406
68/ 67	.8	2.9	1.2	.3	.1	.1												119	121	244
66/ 65	.1	1.4	.8	.6	.6	.0												67	69	144
64/ 63	.1	.5	.5	.2	.2	.0												31	35	80
62/ 61	.0	.1	.2	.0	.1													11	11	47
60/ 59	.1	.1	.1	.1	.0													7	7	32
58/ 57			.0	.0	.0													2	2	14
56/ 55																		1	1	5
54/ 53																				5
52/ 51																				2
50/ 49																				6
48/ 47																				3
46/ 45																				3
TOTAL	5.0	41.2	30.8	14.0	5.9	1.8	1.1	.3										2240	2253	2240

Element (X) ΣX^2 ΣX \bar{X} σ_x No. Obs. Mean No. of Hours with Temperature

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature	Total
Rel. Hum.	16680684	192096	85.8	9.617	2240	≥ 80 F	90
Dry Bulb	12222326	165660	73.5	4.297	2253	≥ 73 F	90
Wet Bulb	11141686	157728	70.4	3.975	2240	≥ 67 F	90
Dew Point	10676944	154310	68.9	4.571	2240	≥ 60 F	90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSIA
STATION NAME

42-46.52-75

YEARS

JUN
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27	28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99											.0	.0	.1						1	1		
96/ 95									.2		.0								8	8		
94/ 93								.3	.1	.5	.1	.1							23	23		
92/ 91								.4	.5	.2	.2	.0							47	47		
90/ 89					.0	.0	.3	1.1	1.7	.1	.3	.1	.0						105	105		
88/ 87				.0	.6	2.3	3.2	2.1	.9	.4	.0	.0							229	229		
86/ 85				.4	2.1	5.0	4.0	1.7	.6	.3	.0								337	337		
84/ 83			.2	1.5	5.1	5.4	2.4	.9	.4	.2	.1	.0							395	395		
82/ 81		.1	.8	3.3	5.8	2.7	1.7	.5	.2	.3	.1	.1							370	370	7	
80/ 79		.2	1.8	4.6	3.5	2.0	.8	.3	.3	.1	.0								331	331	80	3
78/ 77	.0	.9	2.5	2.3	1.5	.8	.6	.4	.2	.0									221	222	281	27
76/ 75	.1	1.3	2.1	1.7	.8	.4	.3	.2	.1										167	167	589	176
74/ 73	.1	1.0	1.0	.5	.3	.2	.2	.1	.1										82	84	629	380
72/ 71	.1	.7	.5	.2	.1	.0	.1	.2											46	46	358	537
70/ 69		.4	.2	.1	.0														19	20	217	493
68/ 67	.0	.0	.1			.0													6	6	99	264
66/ 65					.1		.0												3	3	56	205
64/ 63		.2																	4	4	42	96
62/ 61																					15	61
60/ 59																					12	51
58/ 57																					8	24
56/ 55																					1	24
54/ 53																						17
52/ 51																						16
50/ 49																						9
48/ 47																						4
46/ 45																						5
44/ 43																						2
TOTAL	.4	4.9	9.2	14.7	19.9	19.2	14.7	8.9	4.5	2.3	.8	.4							2394	2398	2394	2394
																</						

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11004195	159343	66.6	12.903	2394							
Dry Bulb	16170708	196568	82.0	4.907	2398			89.7	87.0	64.6	1.2	90
Wet Bulb	12862579	175259	73.2	3.673	2394			85.0	59.6	.9		90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION MUDDY AFB GEORGIA/VALDOSTA 42-46,52-75 YEARS PAGE 1 1200-1400 MONTH JUN

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105														.0				1	1		
104/103													.0	.0				2	2		
102/101												.0	.1	.1				3	3		
100/99											.0	.2	.3	.3				12	12		
98/97											.1	.4	.5	.5				29	29		
96/95								.0	.3	.3	.1	.4	.5	.5				90	90		
94/93								.5	1.3	2.4	1.6	.5	.2	.1				160	160		
92/91						.1	.9	2.0	3.7	2.4	1.3	.8	.2	.0				281	281		
90/89					.4	2.0	4.5	5.4	5.2	2.2	1.1	.2	.2	.0				413	413		
88/87					.8	3.1	4.3	4.8	2.9	1.5	.9	.3	.1	.0				428	428		
86/85			.0	.2	.5	1.1	2.1	2.6	1.6	.7	.4	.1	.0					341	341		
84/83			.2	.5	1.1	3.8	2.1	1.4	.9	.4	.3	.2						267	267		
82/81		.0	.2	.6	1.7	1.2	.6	.6	.4	.4	.4	.2						138	138	10	
80/79		.0	.6	.8	.6	.4	.3	.2	.4	.2	.2							97	97	115	4
78/77		.6	.7	.5	.6	.2	.2	.0	.0	.2								75	75	362	21
76/75	.2	.9	.6	.2	.1	.1	.0	.1	.0	.0								60	60	638	107
74/73	.1	.5	.4	.2			.0											32	32	598	242
72/71	.0	.4	.1	.0	.0													16	16	344	383
70/69	.1	.1	.1	.1		.0												12	12	194	505
68/67																		5	5	97	412
66/65			.2		.0															42	249
64/63																				36	162
62/61																				22	124
60/59																				3	98
58/57																				1	46
56/55																					39
54/53																					19
52/51																					19
50/49																					19
48/47																					8
46/45																					4
44/43																					1
TOTAL	.4	2.7	3.2	3.2	5.5	11.3	15.1	17.7	16.7	11.7	7.7	3.1	1.4	.4				2462	2462	2462	2462
Element (X)	ΣX ²	ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						2462		2462		2462	
Rel. Hum.	7800245	134335		54.6		13.827		2462		≥ 73 F						≥ 80 F		≥ 93 F		Total	
Dry Bulb	18626561	213737		86.8		5.376		2462		89.0						81.0		10.9		90	
Wet Bulb	13393663	181383		73.7		3.528		2462		86.2						63.0		1.6		90	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION MOODY AFB GEORGIA/VALDOSTA 42-46.52-75 YEARS JUN MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
106/105																	.1	2	2			
104/103																		2	2			
102/101																.0		4	4			
100/99											.2	.5	.2	.1	.1			25	25			
98/97									.1	.2	1.0	.8	.5	.1				65	65			
96/95									.5	1.1	1.8	.9	.7	.2				123	123			
94/93									1.5	1.9	2.1	1.3	.6	.2				185	185			
92/91						.1	.6	1.8	3.4	4.8	2.9	1.1	.3	.1				360	361			
90/89						.3	1.3	3.6	3.5	2.3	1.6	.5	.3	.0				321	321			
88/87			.0		.1	.9	2.4	3.6	2.8	1.6	1.1	.5	.3	.0				317	317			
86/85				.4	.5	1.5	2.0	2.3	1.6	.9	.6	.1	.0					227	227			
84/83			.1	1.3	1.6	1.4	.9	.4	.1	.4	.3	.0						158	158	1		
82/81		.0	.2	1.3	1.6	1.4	.9	.4	.1	.4	.3	.0						160	160	6	1	
80/79		.2	.8	1.8	1.7	.8	.5	.2	.0	.2								122	122	76	3	
78/77		.5	1.8	1.7	.8	.0	.1	.1	.1	.0								124	124	279	15	
76/75	.2	1.2	1.5	.8	.1	.0		.1										94	94	559	79	
74/73	.2	1.2	.8	.3	.0													60	60	602	202	
72/71	.1	.6	.3		.1													25	26	442	338	
70/69		.3	.1															8	9	209	420	
68/67	.0	.0	.1															4	4	109	392	
66/65																				53	281	
64/63			.0															1	1	33	201	
62/61																				17	146	
60/59																				1	108	
58/57																					74	
56/55																					42	
54/53																					24	
52/51																					31	
50/49																					17	
48/47																					7	
46/45																					4	
44/43																					2	
TOTAL	.6	3.9	5.8	6.2	5.8	6.0	8.5	13.1	14.2	14.0	11.9	5.9	3.1	.8	.1	.1		2387	2390	2387	2387	
Element (X)	ΣX ²		ΣX		ΣX		Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Mean No. of Hours with Temperature				
Rel. Hum.	7640536		128860		54.0		16.901	2386		≥ 0 F		≥ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	18110427		207483		86.8		6.412	2390						90.0		88.5		76.1		15.3		90
Wet Bulb	12829002		174806		73.2		3.396	2387						86.1		57.4		1.2				90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-46,52-75
YEARS

JUN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99												.0						1	1		
98/ 97											.1	.2						7	7		
96/ 95										.4	.7	.3	.2					32	32		
94/ 93										.7	.3	.2	.1					40	40		
92/ 91										.4	1.1	.2	.0	.1				86	86		
90/ 89										1.0	.8	.3	.0					152	152		
88/ 87										1.2	.3	.1	.0					188	188		
86/ 85										.9	.5	.1	.0					211	211		
84/ 83										.5	.3	.0						256	256		
82/ 81										.0	.1	.0						207	207		
80/ 79										.3	.1							241	241		
78/ 77										.1								207	207		
76/ 75										.1								198	198		
74/ 73										.2								151	151		
72/ 71										.0								63	63		
70/ 69										.0								18	18		
68/ 67																		1	1		
66/ 65																		5	5		
64/ 63																		1	1		
62/ 61																					
60/ 59																					
58/ 57																					
56/ 55																					
54/ 53																					
52/ 51																					
50/ 49																					
48/ 47																					
46/ 45																					
TOTAL	1.3	9.5	12.2	11.1	12.3	11.3	10.9	10.6	8.4	5.8	4.3	1.6	.5	.1				2065	2065	2065	2065

Element (X)	Mean No. of Hours with Temperature												No. Obs.		Total	
	≥ 32 F	≥ 30 F	≥ 28 F	≥ 26 F	≥ 24 F	≥ 22 F	≥ 20 F	≥ 18 F	≥ 16 F	≥ 14 F	≥ 12 F	≥ 10 F	≥ 8 F	≥ 6 F	≥ 4 F	≥ 2 F
Rel. Hum.													2065			
Dry Bulb													2065			
Wet Bulb													2065			

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION MOODY AFB GEORGIA/VALDOSTA 42-46.52-75 YEARS MONTH JUN
PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89				.1			.1	.1		.1								4	4		
88/ 87						.1	.3	.4	.1									8	8		
86/ 85					.6	.7	.4	.1										28	28		
84/ 83			.1	.6	2.1	.8	.2	.3	.1	.1								67	67	1	
82/ 81			1.0	2.9	2.1	1.2	.5	.1										124	124		1
80/ 79		.4	3.0	6.7	3.0	1.5	.4	.6	.1									249	249	7	
78/ 77		1.5	6.1	5.1	2.7	1.2	.8	.1		.1								281	282	59	16
76/ 75	.4	4.5	7.8	4.3	2.1	.7	.5	.1	.1									324	324	215	67
74/ 73	1.0	6.3	4.8	3.0	.8	.5	.2	.1	.1									268	268	375	239
72/ 71	1.1	5.7	1.7	1.2	.3	.1	.1											162	162	412	379
70/ 69	.3	1.3	.5	.3	.4	.3	.2	.1	.1									54	54	275	375
68/ 67		.3	.1	.2	.1	.3												15	15	118	183
66/ 65				.1	.3													6	6	69	119
64/ 63				.1														1	1	19	74
62/ 61				.1														1	1	15	44
60/ 59																				16	28
58/ 57		.1																1	1	9	26
56/ 55																				4	14
54/ 53																					7
52/ 51																					13
50/ 49																					3
48/ 47																					3
42/ 41																					2
TOTAL	2,720	125	124	514	47	7	3	3	6	1	5	.2						1593	1594	1594	1593

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					TOTAL	
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 80 F	≥ 93 F	Total	Total
Rel. Hum.	10100324	125426	78.7	12.042	1594							
Dry Bulb	9344988	121888	76.5	3.930	1594			89.5	76.4	20.4		90
Wet Bulb	8157017	113883	71.4	3.602	1594			82.5	37.1	.1		90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOOSTA
STATION NAME

42-45, 51-60, 62, 64-66, 68-75
YEARS

JUL
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85					.1													1	1		
84/ 83					.1													2	2		
82/ 81			.1	.4	.1													8	8		
80/ 79		.6	3.9	1.6	.3	.1												93	93		
78/ 77		5.0	12.0	2.9	.3	.1												288	288	24	2
76/ 75		7.1	7.8	2.2	.3	.1												401	401	209	99
74/ 73		2.0	2.3	5.6	.9	.1												428	428	537	410
72/ 71		2.1	7.7	1.5	.5	.1												168	168	442	532
70/ 69		.1	1.0	.5	.3	.1												28	28	157	245
68/ 67		.3	.2															7	7	33	75
66/ 65																				16	32
64/ 63																				5	17
62/ 61																				1	9
60/ 59																					2
58/ 57																					1
TOTAL	5.0	53.0	31.7	8.7	1.3	.3												1424	1424	1424	1424

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature							Total	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			
Rel. Hum.	11384636	126924	89.2	6.693	1423									
Dry Bulb	8012127	106759	75.0	2.412	1424			93.0	79.7	2.5				93
Wet Bulb	7500583	103303	72.5	2.145	1424			91.6	50.3					93

PSYCHROMETRIC SUMMARY

PAGE 1 0300-0500
HOURS (L. S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

TH
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87						.2												4	4		
86/ 85					.0													1	1		
84/ 83			.1	.9	.7	.2												43	43		
82/ 81			.6	2.2	1.2	.1	.1											99	99		
80/ 79		.4	5.4	4.3	.5	.0	.0											249	249	5	
78/ 77	.1	4.4	8.7	2.1	.4	.2												370	370	86	17
76/ 75	1.0	13.5	9.5	1.2	.2	.0	.0											595	595	423	199
74/ 73	1.9	14.5	6.4	.6	.1	.0	.0											553	554	744	607
72/ 71	1.8	8.9	1.7	.4	.0													298	300	669	768
70/ 69	.6	2.0	.9	.2														86	86	269	470
68/ 67	.0	.8	.5	.1														33	33	92	156
66/ 65		.1	.1															4	4	30	71
64/ 63		.0																1	1	14	26
62/ 61																				4	15
60/ 59																					5
58/ 57																					1
56/ 55																					1
TOTAL	5.5	44.6	33.8	12.0	3.2	.7	.2											2336	2339	2336	2336

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MDDY AFB GEORGIA/VALDOSTA

STATION NAME

STATION

YEARS

42-45, 51-75

JUL
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97											.0							1	1		
96/ 95										.2	.0							6	6		
94/ 93								.2	.4	.1								16	16		
92/ 91							.6	.8	.7	.2								56	56		
90/ 89						1.0	2.6	2.1	.3	.0	.0							151	151		
88/ 87			.0		.9	5.2	4.9	1.3	.1									308	308		
86/ 85			.1	.6	5.2	8.6	3.6	.5	.2									468	468		
84/ 83			.4	3.7	8.7	5.4	1.0	.5	.0									487	487		1
82/ 81			1.4	7.9	4.8	1.5	.4	.1	.0	.0								402	402		8
80/ 79		.5	3.5	5.0	1.9	.4	.2	.0		.0								286	286		132
78/ 77	.0	1.0	3.3	1.5	.6	.1		.0										167	167		72
76/ 75	.1	.8	1.6	.6	.0	.0			.0									79	79		337
74/ 73	.2	.7	.2	.1	.0	.0												34	34		484
72/ 71	.2	.5	.1		.0													20	20		173
70/ 69	.0																	1	1		54
68/ 67																					13
66/ 65																					2
64/ 63																					4
62/ 61																					2
60/ 59																					2
58/ 57																					2
56/ 55																					2
52/ 51																					1
50/ 49																					2
TOTAL	.5	3.6	10.6	19.4	22.3	22.3	13.2	5.6	1.8	.6	.1							2482	2482		2482

Mean No. of Hours with Temperature

No. Obs.

σ_x

X̄

Σx

Σx²

Element (X)

Element (X)	Mean No. of Hours with Temperature										Total	
	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	≥ 93 F	≥ 93 F	≥ 93 F	≥ 93 F	≥ 93 F	≥ 93 F
Rel. Hum.												
Dry Bulb												
Wet Bulb												

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45,51-75
YEARS

JUL
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99												.1						2	2		
98/ 97											.1							3	3		
96/ 95											.4	.2						19	19		
94/ 93											.2	.2						37	37		
92/ 91						.0				.6	.8	.1						86	86		
90/ 89						.4	1.6	2.8	1.8	.4	.1							154	154		
88/ 87				.1	.2	2.0	3.2	2.4	.9	.2	.0	.0						196	196		
86/ 85			.1	.2	1.9	4.0	2.5	1.1	.3	.0	.0							224	224		
84/ 83			.1	1.7	4.2	4.0	1.0	.1	.0									244	244		
82/ 81		.1	.7	5.0	4.4	1.3	.8	.2		.0								272	272	10	2
80/ 79		.2	3.2	5.9	2.1	.8	.1	.0										268	268	47	8
78/ 77	.1	1.9	5.0	4.0	.5	.1		.0										254	254	319	23
76/ 75	.2	4.8	5.0	1.0	.1		.1											245	245	682	167
74/ 73	.6	3.5	1.5	.4	.0													130	130	669	498
72/ 71	.2	1.1	.5															37	37	320	666
70/ 69	.1	.2	.1															9	9	104	463
68/ 67		.0																1	1	22	203
66/ 65																				4	86
64/ 63																				3	34
62/ 61																					16
60/ 59																					6
58/ 57																					4
56/ 55																					2
54/ 53																					2
50/ 49																					
TOTAL	1.2	11.8	16.3	18.2	13.3	12.6	9.4	8.0	5.0	2.4	1.1	.4						2181	2181	2181	2181

Element (X)	Mean No. of Hours with Temperature											No. Obs.		Mean No. of Hours with Temperature					Total	
	Σ X ²	Σ X	X̄	q _x	Σ F	Σ F ²	Σ F ³	Σ F ⁴	Σ F ⁵	Σ F ⁶	Σ F ⁷	Σ F ⁸	Σ F ⁹	Σ F ¹⁰	Σ F ¹¹	Σ F ¹²	Σ F ¹³	Σ F ¹⁴	Σ F ¹⁵	Σ F ¹⁶
Rel. Hum.	11539862	155400	71.3	14.642	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181
Dry Bulb	14702443	178659	81.9	5.560	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181
Wet Bulb	12047866	162012	74.3	2.449	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181
Dew Point	11021576	154872	71.0	3.330	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181	2181

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45,51-75
YEARS

JUL
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89							.1	.1										2	2		
88/ 87						.1	.2	.1										5	5		
86/ 85					.4	.7	.3											25	25		
84/ 83			.1	1.5	2.0	.9	.3											84	84		
82/ 81		.1	1.2	4.7	3.1	.9	.3											181	181		
80/ 79		.3	6.8	7.8	2.8	.9	.1	.1										333	333		6
78/ 77	.1	3.3	9.9	5.3	1.5	.4		.1										363	363		12
76/ 75	.7	10.3	9.1	2.2	.5													404	404		398
74/ 73	1.1	10.5	4.0	.5	.1	.2	.1											292	292		644
72/ 71	.8	2.6	.2	.1		.1												68	68		473
70/ 69	.1	.3	.2															11	11		134
68/ 67		.1	.1															2	2		25
66/ 65																					9
64/ 63																					4
62/ 61																					1
60/ 59																					8
58/ 57																					2
56/ 55																					1
TOTAL	2.8	27.5	31.7	22.1	10.3	4.1	1.2	.2										1770	1770	1770	1770

Mean No. of Hours with Temperature

≥ 0 F

≥ 32 F

≥ 67 F

≥ 73 F

≥ 80 F

≥ 93 F

Total

1770

1770

1770

1770

1770

1770

1770

1770

1770

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION MOODY AFB GEORGIA/VALDOSTA 42-45.51-60.63, 66.69, 73-75 STATION NAME YEARS MONTH

PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dr./ Bulb	Wet Bulb	Dew Point
84/ 93											1							1	1		
84/ 83																		11	11		
82/ 81											.1							104	104	3	
80/ 79																		283	283	33	20
78/ 77																		418	418	210	97
76/ 75																		370	370	555	420
74/ 73											.1							161	161	416	514
72/ 71																		39	40	105	216
70/ 69																		18	18	46	66
68/ 67																		2	2	27	37
66/ 65																				13	15
64/ 63																					19
62/ 61																					4
60/ 59																					
TOTAL	5.252	6.32	2.87	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1408	1409	1408	1408

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11275305	125639	89.2	6.758	1408							
Dry Bulb	7933821	105665	75.0	2.624	1409							
Wet Bulb	7427356	102408	72.6	2.382	1408							

PSYCHROMETRIC SUMMARY

AUG
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG
MONTH

0600-0800
HOURS (L.S.T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MUDDY AFB GEORGIA/VALDOOSTA 42-45,51-70,72-75 STATION NAME YEARS MONTH AUG

PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99																		1	1		
96/ 95																		4	4		
94/ 93																		21	21		
92/ 91																		65	65		
90/ 89																		168	168		
88/ 87																		281	281		
86/ 85																		427	427	1	1
84/ 83																		428	428	5	5
82/ 81																		395	396	32	7
80/ 79																		288	288	167	20
78/ 77																		203	203	651	80
76/ 75																		120	120	874	377
74/ 73																		49	49	429	829
72/ 71																		25	25	194	624
70/ 69																		7	7	82	278
68/ 67																		1	1	30	124
66/ 65																		2	2	15	78
64/ 63																				5	40
62/ 61																					18
60/ 59																					5
58/ 57																					2
56/ 55																					1
54/ 53																					1
TOTAL																		2485	2486	2485	2485

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					TOTAL	
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 93 F	Total	Total
Rel. Hum.	12732037	175863	70.8	10.643	2484							
Dry Bulb	17173959	206323	83.0	4.505	2486							
Wet Bulb	14126799	187245	75.4	2.682	2485							

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION MOODY AFB GEORGIA/VALDOOSTA 42-45, 51-70, 72-75 YEARS PAGE 1 1200-1400 AUG MONTH HOURS (L. S. T.)

Temp. (F)	WET-BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99																		2	2		
98/ 97																		47	47		
96/ 95																		99	99		
94/ 93																		235	235		
92/ 91																		389	389		
90/ 89																		487	487		
88/ 87																		461	461		
86/ 85																		337	337		4
84/ 83																		149	149		8
82/ 81																		109	109		52
80/ 79																		81	81		15
78/ 77																		65	65		45
76/ 75																		42	42		238
74/ 73																		29	29		560
72/ 71																		13	13		684
70/ 69																		3	3		517
68/ 67																					233
66/ 65																					116
64/ 63																					70
62/ 61																					39
60/ 59																					13
58/ 57																					4
56/ 55																					1
54/ 53																					2
52/ 51																					1
TOTAL																		2548	2548	2548	2548
Element (X)	Σ X ²	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X
Rel. Hum.	9095123	149333	58.6	11.605	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548
Dry Bulb	19715058	223774	87.8	4.952	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548
Wet Bulb	14698921	193413	75.9	2.612	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548

Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
	Rel. Hum.	9095123	149333	58.611.605	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548
Dry Bulb	19715058	223774	87.8	4.952	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548
Wet Bulb	14698921	193413	75.9	2.612	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548

PSYCHROMETRIC SUMMARY

AUG
MONTH

STATION NAME

YEARS

PAGE 1

1500-1700
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MOODY AFB GEORGIA/VALDOSTA 42-45,51-75

AUG
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET-BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97										.1	.3	.0						1	1		
96/ 95										1.0	.5	.2		.0				13	13		
94/ 93										.5	.1	.0						41	41		
92/ 91									.2	1.8	.8	.2	.0	.0				101	101		
90/ 89									.5	2.1	.3	.1						167	167		
88/ 87									1.2	1.1	.4	.0						194	194		
86/ 85			.0	.5	1.6	3.9	2.5	1.1	.4	.0								221	221		
84/ 83		.0	.3	1.9	4.9	2.6	1.2	.7	.1	.0								258	258	1	
82/ 81			.9	4.3	4.1	1.5	.5	.1	.0									251	251	12	1
80/ 79	.0	.4	3.7	5.2	2.8	.6	.2											285	285	63	9
78/ 77	.0	2.6	6.0	3.0	.8	.5	.1	.0										286	286	318	38
76/ 75	.5	3.5	3.7	1.2	.2	.1	.0											203	203	698	184
74/ 73	.7	3.6	1.1	.3	.2	.1												130	130	629	545
72/ 71	.4	.5	.3	.0	.0													27	27	317	610
70/ 69	.2	.1	.2	.1														12	12	102	399
68/ 67																		34	34	201	
66/ 65																		13	13	89	
64/ 63																		3	3	66	
62/ 61																				27	
60/ 59																				13	
58/ 57																				6	
56/ 55																				2	
TOTAL	1.9	10.6	16.2	16.6	15.0	11.1	10.8	7.9	6.7	> 4	.7	.1	.0	.0				2190	2190	2190	2190

Mean No. of Hours with Temperature

No. Obs.

Σ X

Σ X²

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Σ X

Σ X²

≥ 67 F

≥ 73 F

≥ 80 F

≥ 93 F

Total

93.0

92.3

91.3

59.6

2.3

93

92.3

73.1

1.3

93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MOODY AFB GEORGIA/VALDOSTA

42-45, 51-75

AUG

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87					.1	.2	.1	.1										7	7		
86/ 85			.1		.3	.5	.3	.2										23	23		
84/ 83			.2	.7	2.0	1.3	.2											77	77	1	
82/ 81		.2	1.8	5.3	3.2	1.0	.2	.1										204	204	12	3
80/ 79		.8	6.8	9.2	2.3	1.0	.2											354	354	100	25
78/ 77	.1	3.6	8.5	3.8	1.7	.2	.1											313	313	448	165
76/ 75	.9	10.9	8.4	2.7	.7	.1	.1											417	417	630	531
74/ 73	1.5	9.3	2.5	1.2	.5	.1												264	264	348	542
72/ 71	.3	2.0	.9	.4	.3													68	68	135	255
70/ 69	.1	.5	.2	.1														16	16	43	110
68/ 67	.1		.1															3	3	23	62
66/ 65																				6	25
64/ 63																					18
62/ 61																					9
60/ 59																					1
58/ 57																					
TOTAL	3.0	27.4	29.4	23.4	11.0	4.4	1.1	.3										1746	1746	1746	1746

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						TOTAL	
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	Total
Rel. Hum.	12123439	144499	82.8	9.715	1746								
Dry Bulb	10474653	135111	77.4	3.329	1746			93.0	88.4	26.7			93
Wet Bulb	9390130	127972	73.3	2.453	1746			91.5	63.4	.2			93
Dew Point	5060772	104801	71.5	2.040	1746			86.0	38.4	.1			93

PSYCHROMETRIC SUMMARY:

SEP
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
																		D.B./W.B.		Dry Bulb	Wet Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
80/ 79		.2	.3	.2	.1													11	11			
78/ 77		1.8	2.3	1.1	.1													74	75			
76/ 75	.1	9.4	5.7	1.5	.2	.1	.1											236	246			
74/ 73	1.2	18.8	7.4	.6	.4	.1	.1	.1										400	408			
72/ 71	3.0	12.0	3.8	.9	.3	.2	.1	.1	.1									280	287			
70/ 69	.6	5.0	3.8	1.6	.4	.1												159	162			
68/ 67		3.5	3.3	1.2	.1	.1												113	113			
66/ 65	.4	1.3	1.0	.8	.1	.1												51	51			
64/ 63	.4	.3	.3	.6														22	22			
62/ 61		.1	.4	.3	.1													13	13			
60/ 59		.2	.5	.1	.2													15	15			
58/ 57		.4																6	6			
56/ 55		.1	.2															5	5			
54/ 53																						
52/ 51																						
50/ 49																						
48/ 47																						
TOTAL	5.6	53.2	29.1	9.0	1.9	.8	.2	.1	.1									1385	1414			
																			1385			

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION NAME: MUDDY AFB GEORGIA/VALDOOSTA 42-45, 51-75 YEARS

SEP MONTH

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79			.1	.1	.1													3	3		
78/ 77		.5	.5	.3														24	24		
76/ 75	.3	5.2	2.0	.5														151	152	32	24
74/ 73	2.9	14.3	5.0	.7	.1				.1									436	444	222	164
72/ 71	4.2	15.9	4.3	.7	.2	.2			.1									482	496	488	397
70/ 69	2.5	9.6	2.0	.7	.4													287	294	407	418
68/ 67	1.2	5.0	4.2	.9	.2													217	217	214	259
66/ 65	.6	3.5	1.8	.9	.2	.1												132	134	186	181
64/ 63	.3	1.3	1.3	.9	.3													76	76	132	135
62/ 61		.8	.3	.3	.1													28	28	69	94
60/ 59		.3	.5	.4														22	22	47	63
58/ 57	.1	.3	.2	.4														17	17	36	45
56/ 55	.1	.2	.2															8	8	32	37
54/ 53		.2	.1															5	5	16	30
52/ 51				.1														1	1	5	15
50/ 49				.1														1	1	2	10
48/ 47																				2	13
46/ 45																					1
44/ 43																					1
42/ 41																					2
40/ 39	12.0	57.0	22.3	6.8	1.5	.2			.2									1890	1922	1890	1890
TOTAL																					

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						z 93 F	Total
Rel. Hum.	15509099	170507	90.2	8.191	1890	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F			
Dry Bulb	9538807	135187	70.3	3.966	1922			76.3	29.2				90
Wet Bulb	8860726	129114	68.3	4.624	1890			64.9	12.1				90

PSYCHROMETRIC SUMMARY

SEP
MONTH

PAGE 1 0600-0300
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MOODY AFB GEORGIA/VALDOSTA 42-45, 51-75 SEP MONTH
STATION NAME YEARS

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 24	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93								.0	.4	.1	.0	.0						3	3		
92/ 91							.0	.7	.8	.2	.1	.0						15	15		
90/ 89						.1	.7	.8	.2	.1	.0	.0						43	43		
88/ 87					.2	1.2	1.7	.5	.2	.1	.0	.0	.0					91	92		
86/ 85				.1	1.8	3.9	2.2	.7	.3	.0	.1	.1						219	226		
84/ 83			.0	1.5	4.6	4.1	.9	.5	.4	.1	.1	.1						294	299		
82/ 81		.0	.6	4.3	4.5	2.2	.6	.8	.2	.1	.0	.0						322	327	1	1
80/ 79		.1	2.9	5.7	3.2	1.9	.9	.2	.2	.0	.0	.0						364	369	19	19
78/ 77	.0	1.1	4.9	3.0	2.0	1.1	.6	.2	.1	.2	.0	.0						318	320	223	7
76/ 75		2.2	3.7	1.6	1.5	.7	.5	.1	.1	.0	.0	.0						245	246	544	131
74/ 73	.2	2.2	1.8	1.9	1.2	.5	.4	.1										201	202	566	435
72/ 71	.2	1.3	1.2	.8	.8	.5	.0	.1										120	120	342	573
70/ 69	.2	.7	.8	.3	.4	.4	.1	.0										72	72	237	391
68/ 67	.1	.3	.2	.3	.4	.2	.2	.0										40	41	171	228
66/ 65	.2	.3	.2	.4	.1	.0	.0	.0										28	28	119	197
64/ 63	.2	.0	.2	.0	.1	.0	.0	.0										16	16	78	118
62/ 61		.0	.1	.1	.1	.0	.0	.0										8	8	40	94
60/ 59		.0	.0	.1	.1	.0	.0	.0										6	6	35	66
58/ 57					.0	.0	.0	.0										3	3	14	47
56/ 55																		1	1	9	53
54/ 53					.0															4	21
52/ 51																					16
50/ 49																				4	15
48/ 47																				2	5
46/ 45																				1	4
44/ 43																					1
38/ 37																					3
36/ 35																					2
34/ 33																					1
TOTAL	1.2	8.5	16.8	20.0	20.9	17.0	8.6	4.4	1.7	.7	.2	.1	.0					2409	2437	2409	2409

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12775576	172754	71.7	12.678	2409							
Dry Bulb	15262447	192379	78.9	5.581	2437			87.7	79.1	44.9	.1	90
Wet Bulb	12496953	173153	71.9	4.608	2409			78.6	50.5	.2		90

Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature					Total	
	12775576	172754	71.7	12.678	2409	71.7	12.678	2409	2409	2409	≥ 0 F	≥ 32 F	≥ 67 °	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12775576	172754	71.7	12.678	2409	71.7	12.678	2409	2409	2409	0	0	0	0	0	0	0
Dry Bulb	15262447	192379	78.9	5.581	2437	78.9	5.581	2437	2437	2437	0	0	0	0	0	0	90
Wet Bulb	12496953	173153	71.9	4.608	2409	71.9	4.608	2409	2409	2409	0	0	0	0	0	0	90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOOSTA
STATION NAME

42-45,51-75

YEARS

SEP
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL				
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
98/ 97										.1	.1	.1	.1					8	8				
96/ 95									.1	.4	.5	.1						28	28				
94/ 93								.2	.9	.8	.2	.0						53	54				
92/ 91							.2	1.7	2.2	1.1	.6	.2	.0					151	156				
90/ 89							1	2.3	5.1	3.5	.6	.1		.0				326	330				
88/ 87					.2	2.1	7.0	4.3	2.2	1.1	.2	.2		.0				433	443				
86/ 85				.1	1.0	4.9	5.1	2.9	1.7	.7	.4	.1						419	422				
84/ 83			.0	.6	2.3	3.1	2.5	1.7	1.0	.5	.6							309	311				
82/ 81			.2	1.2	2.0	1.4	1.7	.8	.6	.3	.3							209	209		1		
80/ 79			.5	1.0	1.1	1.2	.8	.5	.2	.1	.0							136	136		51		
78/ 77			.3	.9	1.0	.5	.4	.4	.2	.2								120	120		8		
76/ 75		1.1	1.0	.8	.5	.4	.3	.2	.1	.0								106	106		80		
74/ 73	.2	1.2	.8	.4	.5	.2	.3	.2										94	94		293		
72/ 71	.1	.6	.3	.3	.1	.0	.2	.1	.1									44	44		471		
70/ 69	.2	.4	.0	.2	.0	.0	.0	.0	.1									21	21		504		
68/ 67		.2		.2	.0	.0	.0											10	10		316		
66/ 65		.0		.0	.0	.0		.1										6	6		266		
64/ 63	.2	.0		.1		.0			.0									10	10		155		
62/ 61																					27	133	
60/ 59																					14	74	
58/ 57																					7	43	
56/ 55																					4	43	
54/ 53																					2	25	
52/ 51																					3	34	
50/ 49																					1	16	
48/ 47																						8	
46/ 45																						2	
44/ 43																						2	
42/ 41																						6	
36/ 35																							
TOTAL	.8	3.8	3.8	5.7	8.7	14.1	20.7	18.0	13.0	6.9	3.5	.8	.1	.1				2483	2508	2483	2482		
Element (X)	Mean No. of Hours with Temperature																No. Obs.						
Rel. Hum.	9051819	145889																58.8	13.861	2482	Total		
Dry Bulb	17923535	211533																84.3	5.724	2508	73.3	3.2	90
Wet Bulb	12231357	180971																72.9	4.087	2483	56.7		90

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						≥ 80 F	≥ 93 F	Total
Rel. Hum.	9051819	145889	58.8	13.861	2482	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	≥ 93 F	≥ 93 F	73.3	3.2	90
Dry Bulb	17923535	211533	84.3	5.724	2508	89.4	86.7	73.3	3.2					90
Wet Bulb	13231357	180971	72.9	4.087	2483	82.7	56.7							90

PSYCHROMETRIC SUMMARY

SEP
MONTH

1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL			TOTAL		
																		D.B./W.B.			Dry Bulb		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	0	10	20	30	40	50
98/ 97																							
96/ 95																							
94/ 93																							
92/ 91																							
90/ 89																							
88/ 87																							
86/ 85																							
84/ 83																							
82/ 81																							
80/ 79																							
78/ 77																							
76/ 75																							
74/ 73																							
72/ 71																							
70/ 69																							
68/ 67																							
66/ 65																							
64/ 63																							
62/ 61																							
60/ 59																							
58/ 57																							
56/ 55																							
54/ 53																							
52/ 51																							
50/ 49																							
48/ 47																							
46/ 45																							
44/ 43																							
36/ 35																							
TOTAL	1.2	5.7	6.2	6.7	7.9	9.6	12.0	16.9	15.3	10.9	5.3	1.8	.2	.1				2420			2444		2420

Element (X)	Σ X ²	Σ X	σ _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	8938306	142088	58.716	339	≥ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	17437162	205878	84.2	6.216			89.4	86.2	69.6	5.0	90
Wet Bulb	12786108	175664	72.6	3.800			83.4	53.0	.1		90
Dew Point	10981731	162453	67.1	5.619			57.3	12.1			90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MOODY AFB GEORGIA/VALDOSTA 42-45,51-75

SEP
MONTH

YEARS

PAGE 1

2100-2300
HOURS (L. S. T.)

STATION NAME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
86/ 85					.1	.1												3	3			
84/ 83			.1			.1	.1											3	4			
82/ 81			.2	1.1	1.0	.3	.1											43	43			
80/ 79		.2	2.4	3.5	1.3	.5	.1											131	134	1		
78/ 77	.1	1.5	6.1	5.2	1.8	.2	.1	.1										248	255	16	3	
76/ 75	.2	6.7	8.9	4.6	1.5	.7	.1											373	382	122	35	
74/ 73	1.2	9.3	5.1	3.0	1.8	.5	.1											345	348	392	245	
72/ 71	1.6	5.6	3.9	2.4	.5	.1												233	237	414	388	
70/ 69	.5	2.5	2.6	1.5	.6	.1	.1											130	130	259	304	
68/ 67	.3	.7	1.1	.9	.4		.1											56	56	164	229	
66/ 65		.4	.3	.7	.5		.1											32	32	123	119	
64/ 63	.3	.2	.4	.4	.1	.1												24	24	59	117	
62/ 61		.2	.2	.2	.2													14	14	33	71	
60/ 59		.1	.4		.1													10	10	27	40	
58/ 57			.1															1	1	21	35	
56/ 55																				7	26	
54/ 53																				8	19	
52/ 51																					3	
50/ 49																					3	
48/ 47																					8	
44/ 43																					1	
TOTAL	4.127	431.6	23.5	9.9	2.7	.2	.6	.2										1646	1673	1646	1646	

Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature							Total	
											≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			
Rel. Hum.	11479	408	1364	58	82.9	10.065			1646										
Dry Bulb	9188	665	1238	07	74.0	3.987			1673				85.6	62.9	5.3				90
Wet Bulb	8128	679	1154	69	70.2	4.154			1646				74.8	29.0					90

PSYCHROMETRIC SUMMARY

STATION
13857

MOODY AFB GEORGIA/VALDOSTA

42-45, 51-60, 62-63, 68, 75 YEARS

OCT
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		Dew Point
																	D.B./W.B.		Wet Bulb		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb		
80/ 79				.1														1	1		
78/ 77			.1															2	2		
76/ 75		.4	.5	.1														15	15		
74/ 73		1.6	1.6	.5														57	57		
72/ 71	.9	3.6	1.8	.1	.1													98	98		
70/ 69	.6	5.9	3.0	1.1	.2													164	164		
68/ 67	1.1	4.3	4.0	1.1	.2	.1												164	164		
66/ 65	1.1	4.6	3.3	.9	.7	.1	.1											160	160		
64/ 63	.7	4.2	3.6	1.5	.4	.1	.1	.1										160	160		
62/ 61	1.0	3.2	4.0	1.5	.7	.1	.1											159	159		
60/ 59	.5	3.5	1.7	2.0	.5	.1	.1											127	127		
58/ 57	.5	1.7	1.9	1.3	.1	.2												87	87		
56/ 55		2.2	1.6	1.2	.3	.1												85	85		
54/ 53	.1	1.2	1.3	1.5	.3	.2												69	69		
52/ 51		1.2	1.1	.9	.3	.2												56	56		
50/ 49		.9	.5	.7	.3	.2	.1											40	40		
48/ 47		.4	.4	.9	.3	.1												31	31		
46/ 45		.1	.3	.4	.1	.1												15	15		
44/ 43		.2	.4	.1	.1													10	10		
42/ 41		.3	.3	.1														10	10		
40/ 39																					
38/ 37		.1	.1															2	2		
36/ 35		.1																2	2		
34/ 33																					
32/ 31																					
30/ 29																					
26/ 25																					
24/ 23																					
TOTAL	6.5	39.6	30.8	15.8	4.6	1.9	.6	.2										1514	1514		
Element (X)	2X ²	2X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature										TOTAL					
Rel. Hum.	10631216	125502	82.9	12.271	1514	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	5973426	94456	62.4	7.293	1514				30.8	4.6	.1	93									
Wet Bulb	5421201	89757	59.3	8.129	1514				19.3	.7		93									

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION MOODY AFB GEORGIA/VALDOSTA 42-45,51-75 YEARS PAGE 1 0300-0500 OCT MONTH HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79					.0	.0												2	2		
78/ 77			.0	.0														2	2		
76/ 75		.2	.2	.1		.0												12	12	8	5
74/ 73	.0	.7	.4	.1														26	26		
72/ 71	1.2	4.2	.7	.2	.0	.0												128	129	69	44
70/ 69	.8	5.1	1.8	.3	.0	.0												165	165	123	107
68/ 67	1.7	5.1	2.3	.4	.1		.0											193	193	162	148
66/ 65	1.8	5.1	1.9	.7	.0	.0	.0											194	194	185	175
64/ 63	1.1	5.2	2.0	.6	.0	.0	.0											182	182	167	155
62/ 61	1.1	6.4	1.4	.7	.3	.0	.0											202	202	189	154
60/ 59	.6	4.6	3.2	.8	.4		.1											195	195	191	184
58/ 57	.4	3.2	3.2	.7	.1	.0	.1											158	158	134	146
56/ 55	.6	2.4	1.7	.9	.4	.1												124	124	181	130
54/ 53	.2	1.6	1.6	.6	.0	.1												85	85	111	142
52/ 51	.2	1.9	2.1	.8	.1	.1												108	108	88	106
50/ 49	.1	1.2	1.5	.3	.3	.1												75	75	105	81
48/ 47		1.0	.8	.6	.3	.1												57	57	85	83
46/ 45	.1	.6	.7	.6	.2													45	45	67	74
44/ 43		.2	.5	.4	.2													28	28	34	75
42/ 41		.1	.2	.3	.0													13	13	43	42
40/ 39		.4	.3															15	15	38	36
38/ 37	.0	.1	.0															4	4	18	32
36/ 35		.2	.0															5	5	14	22
34/ 33																				5	23
32/ 31																				1	19
30/ 29																					20
28/ 27																					4
26/ 25																					5
24/ 23																					6
TOTAL	10.4	49.6	26.6	9.4	2.8	.9	.3											2018	2019	2018	2018

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	15148286	173256	85.9	11.4	86	2017	≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	7543044	122390	60.6	7.8	35	2019	1.9		24.4	1.9	.0	93
Wet Bulb	6973687	117361	58.2	8.5	75	2018	.4	.0	16.7	.4		93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION MOODY AFB GEORGIA/VALUOSTA 42-45,51-75 YEARS PAGE 1 0600-0800 MONTH OCT
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79				.0	.0													1	1		
78/ 77		.0	.2	.1	.1													7	7		
76/ 75		.3	.7	.1	.0													28	28	3	
74/ 73	.1	1.0	.5	.0														39	39	24	12
72/ 71	.7	3.5	.9	.2														131	131	72	65
70/ 69	1.6	4.3	2.0	.3	.1	.0												202	202	162	132
68/ 67	1.2	3.9	2.8	.2	.2													202	202	158	146
66/ 65	1.9	5.4	2.1	.8	.1	.1	.0											250	250	200	166
64/ 63	1.2	5.5	2.0	.8	.1	.0												234	234	234	208
62/ 61	1.2	4.3	2.1	.8	.2	.2												211	211	213	222
60/ 59	1.0	3.9	2.8	1.3	.5	.1	.0											231	231	198	177
58/ 57	.3	3.4	2.9	1.1	.1	.1			.0									191	191	175	158
56/ 55	.3	2.3	2.2	1.1	.5	.0	.0											157	157	188	167
54/ 53	.3	1.6	1.7	1.0	.3	.2												126	126	160	155
52/ 51	.2	1.2	1.9	.6	.2	.1	.0											102	102	120	128
50/ 49	.1	1.6	1.5	.7	.4	.1												105	105	111	111
48/ 47	.0	1.0	1.0	.3	.2													61	61	114	101
46/ 45		.5	.7	.4	.1	.1												42	42	87	103
44/ 43	.1	.3	.6	.3	.0													33	33	56	91
42/ 41		.4	.5	.0	.0													24	24	44	55
40/ 39		.2	.3	.2														15	15	38	49
38/ 37	.1	.4	.1	.1														17	17	23	39
36/ 35		.0	.1															3	3	21	37
34/ 33		.1																2	2	9	37
32/ 31																				4	20
30/ 29																					14
28/ 27																					7
26/ 25																					4
24/ 23																					6
20/ 19																					1
18/ 17																					3
TOTAL	10.3	45.1	29.4	10.6	3.4	1.1	.2		.0									2414	2414	2414	2414

Element (X)	Σ X'	Σ X	Σ X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	17765587	205119	85.0	11.684	2413	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	9001850	146138	60.5	8.014	2414			23.5	2.9			93
Wet Bulb	8285641	139843	57.9	8.745	2414		.2	16.1	1.0			93
Dew Point	7781643	134791	55.8	10.286	2414		2.1	13.7	.5			93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOOSTA
STATION NAME

42-45,51-75
YEARS

OCT
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
90/ 89																		1	1				
88/ 87																		10	10				
86/ 85																		23	23				
84/ 83																		52	52				
82/ 81																		83	83				
80/ 79																		159	159				
78/ 77																		186	186				
76/ 75																		254	254				
74/ 73																		273	273				
72/ 71																		251	251				
70/ 69																		280	280				
68/ 67																		211	211				
66/ 65																		188	188				
64/ 63																		155	155				
62/ 61																		117	117				
60/ 59																		96	96				
58/ 57																		70	70				
56/ 55																		45	45				
54/ 53																		29	29				
52/ 51																		24	24				
50/ 49																		14	14				
48/ 47																		10	10				
46/ 45																		5	5				
44/ 43																		4	4				
42/ 41																							
40/ 39																							
38/ 37																							
36/ 35																							
34/ 33																							
32/ 31																							
30/ 29																							
28/ 27																							
26/ 25																							
24/ 23																							
Element (X)	Σ X ²	Σ X					σ _x	No. Obs.				Mean No. of Hours with Temperature					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.																							
Dry Bulb																							
Wet Bulb																							

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13857
STATION

STATION NAME
MOODY AFB GEORGIA/VALDOSTA

42-45,51-75

YEARS

130
MONTH

PAGE 2

Q900-1100
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MODDY AFB GEORGIA/VALDOOSTA 42-45,51-75

STATION NAME

13857

YEARS

MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
94/ 93																		2	2			
92/ 91																		18	18			
90/ 89																		39	39			
88/ 87																		89	89			
86/ 85																		158	158			
84/ 83																		240	240			
82/ 81																		348	348			
80/ 79																		333	333		1	
78/ 77																		323	323		18	
76/ 75																		209	209		95	
74/ 73																		180	180		39	
72/ 71																		185	185		263	
70/ 69																		144	144		125	
68/ 67																		109	109		300	
66/ 65																		67	67		217	
64/ 63																		66	66		234	
62/ 61																		55	55		203	
60/ 59																		19	19		168	
58/ 57																		14	14		192	
56/ 55																		11	11		165	
54/ 53																		3	3		70	
52/ 51																		3	3		51	
50/ 49																		3	3		96	
48/ 47																					25	
46/ 45																					87	
44/ 43																					26	
42/ 41																					8	
40/ 39																					5	
38/ 37																					1	
36/ 35																					35	
34/ 33																					34	
32/ 31																					27	
30/ 29																					23	
28/ 27																					19	
Element (X)	Mean No. of Hours with Temperature																TOTAL					
Rel. Hum.																	≤ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																						
Wet Bulb																						

PSYCHROMETRIC SUMMARY

MONTH
DAY

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13857 MUDDY AFB GEORGIA/VALDOSTA STATION NAME 42-45,51-75 YEARS PAGE 1 1500-1700 MONTH OCT HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93									.2	.1	.0	.2	.2		.0			7	7		
92/ 91								.4	.4	.6	.6	.5	.1	.1	.0			24	24		
90/ 89							.1	.6	.6	.7	.7	.8	.3	.2	.1			56	56		
88/ 87						.0	.5	.6	1.1	.7	.6	.1	.1					98	98		
86/ 85						.4	.7	1.4	1.9	.7	.8	.3	.2	.1	.0			163	163		
84/ 83			.0	.0	.4	.9	2.1	2.6	1.7	1.9	1.0	.4	.0	.1	.0			288	288		
82/ 81		.0	.0	.1	.9	1.5	2.0	2.2	2.5	1.6	1.0	.2		.1	.0			313	314		
80/ 79		.1	.1	.2	1.1	1.7	1.6	2.8	1.5	1.3	1.3	.4		.0				312	312	2	1
78/ 77		.0	.6	.4	1.0	1.3	1.6	1.9	1.1	1.1	.7	.6	.0					270	270	13	2
76/ 75		.3	.5	.8	.6	1.6	1.3	1.1	1.2	1.1	.6	.3						238	238	77	3
74/ 73	.0	.5	.6	.9	1.0	.7	1.1	.9	1.0	.7	.5	.0						203	203	152	30
72/ 71	.2	.6	.5	.6	.7	.7	1.0	.8	.6	.5	.5	.2						178	178	269	82
70/ 69	.1	.2	.3	.5	.4	.5	.7	.7	.7	.4	.3							125	125	321	109
68/ 67	.1	.3	.4	.3	.2	.4	.3	.3	.4	.4	.4							84	84	286	166
66/ 65	.1	.1	.2	.2	.5	.3	.3	.4	.5	.3	.0							78	78	351	214
64/ 63	.3	.2	.2	.4	.2	.2	.2	.2	.2	.2	.1							62	62	257	194
62/ 61	.1	.2	.1	.2	.1	.1	.1	.2	.2	.1								35	35	187	225
60/ 59	.2	.2	.1	.2	.2	.1	.3	.1	.0									20	20	184	227
58/ 57	.1	.1	.0			.1	.0	.1										6	6	150	207
56/ 55	.1				.1	.1	.0											9	9	114	183
54/ 53				.0	.1	.1												5	5	65	149
52/ 51																				49	136
50/ 49					.1													2	2	44	96
48/ 47					.0													1	1	27	98
46/ 45																				19	78
44/ 43																				7	82
42/ 41																				3	53
40/ 39																					37
38/ 37																					35
36/ 35																					36
34/ 33																					33
32/ 31																					36
30/ 29																					17
28/ 27																					15
Element (X)	Σ X ²			Σ X			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature					
Rel. Hum																≤ 0 F	≤ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																					
Wet Bulb																					

PSYCHROMETRIC SUMMARY

130
MONTH

PAGE 2 1500-1700
HOURS (M. S. I.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42-45,51-75

MOODY AFB GEORGIA/VALDOSTA

13857 STATION

STATION NAME

YEARS

QCT
MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL				
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
88/ 87						.0	.0	.1	.2	.1								7	7				
86/ 85						.0	.3	.3	.2	.1								25	25				
84/ 83					.1	.5	.3	.2		.1								28	28				
82/ 81					.5	.5	.8	.3	.0	.1	.1	.0						56	56				
80/ 79			.1	.9	1.4	1.3	.8	.9	.5	.1	.0							139	139	2	4		
78/ 77		.2	.6	1.3	1.8	1.4	1.1	.6	.6	.1	.1							178	178	24	30		
76/ 75		.7	1.4	2.3	2.6	1.7	1.6	.6	.3	.1	.1	.0						265	265	104	84		
74/ 73		1.0	2.0	2.5	2.3	1.4	1.3	.4	.3	.2	.0							263	263	168	129		
72/ 71	.3	1.2	1.6	3.4	2.0	1.6	1.0	.6	.4	.1	.0							284	284	253	170		
70/ 69	.2	.7	1.4	2.9	2.0	2.3	1.3	.6	.4	.1	.0							270	270	257	216		
68/ 67	.2	.9	1.5	1.8	1.1	1.1	.5	.5	.1	.1	.0							181	181	249	192		
66/ 65	.2	.4	.8	1.6	1.3	1.3	1.0	.3	.3	.0	.0							171	171	218	222		
64/ 63	.4	.4	.6	1.1	1.1	.9	.2	.3	.3	.0								124	124	249	192		
62/ 61	.4	.3	.5	.7	.7	.7	.3	.4	.2	.0								95	95	218	222		
60/ 59		.2	.5	1.0	.8	.5	.3	.3	.2	.0								81	81	168	180		
58/ 57		.2	.2	.3	.6	.4	.2	.2										45	45	141	171		
56/ 55		.2	.2	.5	.5	.4	.1											41	41	137	138		
54/ 53		.2	.2	.2	.3	.2	.1											23	23	96	150		
52/ 51			.0	.2	.2	.1												13	13	66	97		
50/ 49			.0	.2	.2	.1												7	7	56	99		
48/ 47			.0	.1	.1													6	6	41	80		
46/ 45			.0	.0	.0													1	1	38	78		
44/ 43			.0															1	1	22	55		
42/ 41																				6	42		
40/ 39																				3	37		
38/ 37																					32		
36/ 35																					24		
34/ 33																					19		
32/ 31																					18		
30/ 29																					19		
28/ 27																					11		
26/ 25																					3		
24/ 23																					3		
18/ 17																					1		
Element (X)	Σ X																σ _x		Mean No. of Hours with T _e temperature				
Rel. Hum.	Σ X ²																X̄		≤ 0 F	≥ 32 F	≥ 73 F	≥ 93 F	Total
Dry Bulb																							
Wet Bulb																							

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45,51-75
YEARS

OCT
MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81			.1		.1													2	2		
80/ 79			.1	.3	.2	.1	.1											11	11		
78/ 77			.6	.9	.2	.1	.1			.1								35	35	1	
76/ 75	.4	1.5	1.4	.7	.2	.3	.1											81	81	2	1
74/ 73	.2	1.5	2.1	1.7	.8	.1	.1											114	114	37	12
72/ 71	.5	2.6	2.9	2.0	.9	.3	.1	.1										162	162	95	66
70/ 69	.6	2.5	5.0	2.7	.9	.4	.1	.2	.1									217	217	139	111
68/ 67	.5	2.4	4.9	3.0	1.9	.5	.1	.1										231	231	157	118
66/ 65	.3	2.2	4.1	2.7	.9	.4	.2											188	188	194	131
64/ 63	.7	1.7	2.9	2.6	1.1	.5	.3	.1										176	176	192	174
62/ 61	.3	1.1	1.7	2.3	1.3	.3	.2	.1										124	124	180	157
60/ 59	.4	.7	1.3	1.7	1.1	.2	.2	.1										100	100	160	173
58/ 57	.2	.9	1.4	1.1	.9	.3	.2											86	86	119	124
56/ 55		.7	1.0	1.1	.8	.3	.1	.1										71	71	102	115
54/ 53		.3	.8	.9	.5	.2	.1	.1										50	50	92	91
52/ 51		.3	.7	.5	.4	.3	.1											41	41	72	91
50/ 49		.2	.2	.7	.5													27	27	60	80
48/ 47		.1	.4	.3	.2													16	16	46	53
46/ 45		.1	.3															7	7	37	61
44/ 43		.1	.3	.1														7	7	26	45
42/ 41		.1	.1	.1														4	4	27	25
40/ 39			.1															1	1	8	38
38/ 37		.1																1	1	4	24
36/ 35																		1	1	2	21
34/ 33																		1	1	1	10
32/ 31																					14
30/ 29																					9
28/ 27																					6
24/ 23	3.7	17.8	32.3	26.0	13.2	4.2	1.8	.8	.1	.1	.1							1753	1753	1753	1753
TOTAL																					

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total	
Rel. Hum.	10650707	134713	76.8	13.051	1753	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 93 F		Total	
Dry Bulb	7535085	114243	65.2	7.162	1753			45.3	12.9		.2	93	
Wet Bulb	6552546	106304	60.6	7.784	1753			22.9	2.1			93	
Dew Point	5941186	100632	57.4	9.685	1753		1.7	16.3	.7			93	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOOSTA
STATION NAME

42-45, 51-60, 62-63, 70, 75
YEARS

NOV
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
72/ 71	.1	.5																10	10	3	3		
70/ 69	.2	.9	.3															20	20	15	10		
68/ 67	.6	1.4	.5	.2														40	40	27	27		
66/ 65	1.8	2.5	.9	.3														82	82	56	44		
64/ 63	1.5	4.3	.6	.2	.1	.1												100	100	75	59		
62/ 61	.8	4.5	1.8	.7	.1	.1												116	116	94	90		
60/ 59	1.1	5.4	1.1	.3	.1	.1	.1											118	118	106	84		
58/ 57	1.2	4.2	1.6	.8	.3	.3	.1											120	120	118	108		
56/ 55	.6	3.7	1.9	1.0	.3	.3	.3											114	114	101	103		
54/ 53	.3	2.6	1.9	1.2	.5	.2	.1											100	100	85	83		
52/ 51	.5	1.8	2.0	1.6	.6	.3	.1											102	102	89	61		
50/ 49	.7	2.0	2.9	1.7	.5	.3	.1											122	122	75	88		
48/ 47	.3	2.2	1.5	.9	1.1	.1	.1											90	90	98	61		
46/ 45	.3	1.5	2.1	1.3	.6	.1	.1											87	87	102	79		
44/ 43		1.0	1.9	1.2	.3													64	64	88	71		
42/ 41	.1	1.0	1.4	1.1	.3													56	56	67	62		
40/ 39		1.0	1.8	.8		.1												54	54	89	70		
38/ 37		.5	.7	.4														25	25	65	68		
36/ 35		.6	.5	.3	.2													23	23	47	61		
34/ 33		.2	.8	.1														17	17	26	48		
32/ 31		.1	.1	.1														5	5	20	50		
30/ 29		.1	.2															5	5	14	38		
28/ 27			.1															1	1	7	39		
26/ 25			.1															1	1	3	26		
24/ 23																				2	16		
22/ 21																					7		
20/ 19																					2		
18/ 17																					3		
16/ 15																					2		
14/ 13																					4		
12/ 11																					1		
10/ 9																					1		
6/ 5																					1		
Element (X)	Σ X ²			Σ X			X̄		σ _x	No. Obs.				Mean No. of Hours with Temperature				TOTAL					
Rel. Hum.														≤ 0 F				≥ 73 F				Total	
Dry Bulb														≤ 32 F				≥ 80 F					
Wet Bulb																							
Dew Point																							

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

STATION NAME
MOODY AFB GEORGIA/VALDOSTA

42-45, 51-60, 62-63, 70, 75 YEARS

NOV
MONTH

PAGE 2 0000-0200
HOURS (L-S-T)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION

MOODY AFB GEORGIA/VALDOOSTA

STATION NAME

42-45,51-73,75

YEARS

NOV

MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
74 / 73		.1	.2	.1	.1													2	2	2	2		
72 / 71		.2	.2	.1														8	8	8	8		
70 / 69		.2	1.4	.1	.1													31	31	31	17		
68 / 67		.6	1.7	.4	.1													48	48	48	39		
66 / 65		1.4	1.8	.5														53	63	58	58		
64 / 63		1.9	3.0	.5	.3													100	100	100	79		
62 / 61		1.4	3.3	.7	.3		.1											101	102	91	88		
60 / 59		2.3	2.7	.7	.1	.1												104	104	104	105		
58 / 57		1.8	3.8	.5	.3	.1	.1											113	113	104	86		
56 / 55		2.2	3.5	1.3	.6	.3												140	140	118	117		
54 / 53		1.1	3.9	1.5	.8	.2												133	133	96	89		
52 / 51		.4	3.3	1.0	.4	.6												99	99	105	96		
50 / 49		.6	2.2	2.3	1.0	.4	.1	.1										118	118	102	72		
48 / 47		.7	2.6	2.2	1.3	.2	.1											126	126	98	84		
46 / 45		.3	2.3	2.3	.8	.3	.1											107	107	108	84		
44 / 43		.2	3.0	1.8	1.2	.4												116	116	111	99		
42 / 41		.1	1.9	1.7	1.0	.2												87	87	107	77		
40 / 39		.1	1.9	1.7	.9													81	81	88	98		
38 / 37		.2	1.5	1.1	.6													61	61	95	73		
36 / 35		.8	1.4	.2														42	42	87	76		
34 / 33		.1	.6	.7														24	24	45	78		
32 / 31		.5	.5	.5	.1	.1												18	18	41	55		
30 / 29		.5	.5	.3	.1													14	14	22	54		
28 / 27		.1	.1	.1	.1													6	6	14	49		
26 / 25				.1														1	1	7	43		
24 / 23		.1	.2															5	5	5	28		
22 / 21																				4	9		
20 / 19																				1	3		
16 / 15																					8		
14 / 13																					2		
12 / 11																					3		
6 / 5																					2		
4 / 3																					2		
Element (X)	Σ X ²		Σ X		X̄		No. Obs.		Mean No. of Hours with Temperature													Total	
Rel. Hum.									≥ 0 F ≥ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F													Total	
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MOODY AFB GEORGIA/VALDOOSTA

NDV
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

YEARS

STATION NAME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL			
																		D.B./W.B.		Wet Bulb			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point			
74/ 73		.1	.2	.0														8	8				
72/ 71		.3																7	7	3			
70/ 69	.3	1.4	.3															45	45	27			
68/ 67	.2	1.5	.7	.1														59	59	42			
66/ 65	1.1	2.8	.7	.0														105	105	77			
64/ 63	1.4	2.4	1.0	.1														110	110	110			
62/ 61	1.1	3.2	.4	.0														107	108	109			
60/ 59	1.5	2.2	.8	.2	.0	.0												111	111	110			
58/ 57	2.2	3.3	.9	.4	.1	.0												157	157	120			
56/ 55	2.3	3.1	1.2	.4	.1	.0												165	165	155			
54/ 53	.9	2.5	1.2	.3	.2													117	117	113			
53/ 51	1.1	3.2	1.7	.8	.3													162	162	131			
50/ 49	.6	2.8	2.7	.8	.4	.0												166	166	117			
48/ 47	.4	2.8	1.6	1.1	.4	.1												147	147	132			
46/ 45	.4	2.7	2.6	.8	.4	.1												160	160	105			
44/ 43	.2	2.4	1.2	1.0	.4	.0												117	117	123			
42/ 41	.4	1.8	2.0	1.1	.3													127	127	148			
40/ 39	.2	1.7	1.9	.9	.0													107	107	111			
38/ 37	.2	1.9	1.8	.7														102	102	101			
36/ 35	.2	1.3	1.3	.4														68	68	122			
34/ 33	.1	1.1	.7	.1														46	47	99			
32/ 31	.0	.5	.5															24	24	59			
30/ 29	.1	1.0	.1															27	27	41			
28/ 27	.0	.1	.2	.0														9	9	32			
26/ 25		.1	.1															6	6	2			
24/ 23		.1	.1															5	5	8			
22/ 21		.0	.0															2	2	4			
20/ 19		.0																1	1	5			
18/ 17																				1			
16/ 15																				6			
14/ 13																				5			
12/ 11																				2			
10/ 9																				2			
8/ 7																				3			
Element (X)	Σ X ²																	Σ X		Mean No. of Hours with Temperature		Total	
Rel. Hum.																				≥ 73 F		≥ 80 F	
Dry Bulb																				≥ 67 F		≥ 93 F	
Wet Bulb																							

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13057 MOODY AFB GEORGIA/VALDOOSTA 42-45, 51-75

NOV
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

STATION NAME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85									.1									2	2		
84/ 83				.0														1	1		
82/ 81					.1	.1	.2	.0										3	3		
80/ 79					.1	.5	.3	.0	.0									11	11		
78/ 77			.0	.2	.2	.5	.2	.2	.0									33	33		1
76/ 75			.3	.5	1.2	.5	.2	.2	.0									70	70		
74/ 73	.0	.2	.4	.9	.7	.7	.2	.1	.1	.0								86	86		1
72/ 71	.1	.5	1.0	1.0	1.1	.5	.4	.1	.1									116	116		10
70/ 69	.2	1.0	1.7	1.1	1.5	.9	.3	.2	.1									167	167		34
68/ 67	.2	1.3	1.6	1.2	.9	.5	.4	.2	.1									157	157		56
66/ 65	.5	1.9	1.3	1.2	.8	.6	.6	.4	.3									185	185		111
64/ 63	.3	1.5	1.4	1.2	.6	1.0	.4	.4	.2									167	168		135
62/ 61	.5	1.7	1.1	1.2	1.2	1.1	.6	.2	.0									187	188		139
60/ 59	.5	1.2	1.0	1.1	1.2	.8	1.0	.4	.1									180	180		155
58/ 57	.2	1.5	1.1	.8	.9	.9	.7	.4										157	157		143
56/ 55	.3	1.0	.9	1.3	1.5	1.3	.2	.2										165	165		138
54/ 53	.0	.7	.9	1.1	1.2	1.1	.5	.1										137	137		109
52/ 51	.3	.7	1.0	1.2	1.5	.8	.4											138	138		108
50/ 49	.2	.5	1.0	1.4	1.1	.6	.3											121	121		98
48/ 47		.2	.5	1.0	1.2	.7	.1											89	89		103
46/ 45	.0	.7	.4	1.0	.8	.2												75	75		108
44/ 43		.0	.9	1.0	.5	.1												62	62		104
42/ 41	.0	.4	.4	.5	.3	.1												41	41		108
40/ 39		.0	.4	.5	.3													29	29		99
38/ 37		.0	.0	.2	.0													8	8		111
36/ 35			.2	.2	.1													10	10		113
34/ 33			.1	.1	.0													7	7		65
32/ 31																					83
30/ 29			.2	.0														5	5		84
28/ 27																					44
26/ 25			.0															1	1		45
24/ 23			.0															1	1		44
22/ 21																					27
20/ 19																					10
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F						≥ 32 F				
Dry Bulb											≤ 73 F						≥ 93 F				
Wet Bulb																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY:

13857
STATION

STATION NAME
MOODY AFB GEORGIA/VALDOSTA

42-45,51-75.

YEARS

ADN
MONTH

PAGE 2

0900-1100
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45,51-75

YEARS

NOV
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89											.0	.1						3	3		
88/ 87										.1	.0							3	3		
86/ 85																		3	3		
84/ 83				.0	.1	.2	.2	.4	.2	.1								29	29		
82/ 81					.2	.3	.8	1.0	.3	.1								67	67		
80/ 79				.0	.3	1.1	2.1	1.1	.6	.2	.0	.0	.0					141	141		
78/ 77			.1	.1	.6	1.8	1.9	1.3	.6	.2	.0	.1	.0					171	171	1	
76/ 75		.0	.5	.4	.8	1.8	1.9	1.5	.9	.5	.2	.1						213	213	4	1
74/ 73	.0	.1	.3	.5	1.0	1.9	2.0	1.4	1.0	.5	.3	.1						227	227	21	3
72/ 71	.0	.2	.6	.5	.9	1.8	1.7	.9	1.0	.4	.4							209	209	44	16
70/ 69	.1	.3	.7	.8	.8	1.0	1.0	1.0	1.0	.6	.3	.0						188	183	128	25
68/ 67	.1	.6	.8	.3	.4	1.0	1.1	1.6	1.0	.4	.2							187	187	211	51
66/ 65	.0	.8	.6	.4	.3	.9	1.4	1.1	1.1	.5	.2							180	180	202	90
64/ 63	.0	.5	.4	.3	.4	.8	1.2	1.0	1.0	.3								146	146	208	144
62/ 61	.1	.6	.1	.5	.3	.9	1.2	1.0	.6	.1								137	137	209	147
60/ 59	.2	.4	.3	.2	.3	.8	.7	.7	.7	.1								113	113	162	187
58/ 57	.0	.4	.1	.3	.7	.7	1.3	.5	.3									107	107	144	159
56/ 55	.1	.5	.3	.5	.7	.7	.8	.8	.1									115	115	178	134
54/ 53		.6	.1	.2	.6	.7	.6	.6										82	82	161	124
52/ 51	.0	.2	.1	.1	.4	.4	.6	.2										51	51	170	134
50/ 49	.0	.1	.2	.2	.4	.5	.3	.1										44	44	157	111
48/ 47		.2	.1	.1	.4	.4	.1											31	31	124	89
46/ 45	.1	.1	.1	.1	.2	.2	.0											20	20	117	109
44/ 43		.0	.3	.2	.2	.2	.0											17	17	81	104
42/ 41					.0	.0												3	3	69	109
40/ 39					.1	.1												5	5	55	111
38/ 37					.1													2	2	27	80
36/ 35																				8	99
34/ 33				.0														1	1	7	93
32/ 31																				3	77
30/ 29																				1	71
28/ 27																				2	36
26/ 25																				1	44
24/ 23																					45

Element (X)	Mean No. of Hours with Temperature					TOTAL	
	≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3857
STATION

MOODY AFB GEORGIA/VALDOSTA

42-45,51-75

FEARS

MONTH
ADN

PAGE 2

1200-1400
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42-45,51-75

MOODY AFB GEORGIA/VALDOSTA

STATION NAME

13857

YEARS

NOV
MONTH

PAGE 1

1100-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL				
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
90/ 89											.1	.1						4	4				
88/ 87										.0	.0							2	2				
86/ 85							.0	.0	.2	.1								9	9				
84/ 83					.1	.1	.2	.4	.3	.1	.0							30	30				
82/ 81					.2	.4	.4	1.0	1.0	.2	.0							81	81				
80/ 79					.2	.7	1.6	1.6	.2	.2	.0		.1					113	113				
78/ 77			.1	.1	.6	1.2	1.7	1.9	1.0	.3	.1	.1						172	172				
76/ 75		.1	.2	.2	1.1	1.7	2.0	1.8	1.1	1.0	.2	.2						238	238		3		
74/ 73		.1	.2	.4	.9	1.9	1.9	1.6	.9	.8	.2	.2						225	225		21		
72/ 71		.1	.3	.6	.9	1.5	2.4	1.0	1.1	.8	.5	.2						232	232		9		
70/ 69	.0	.4	.7	.7	.7	.7	.8	.8	1.5	.7	.4	.0						195	195		19		
68/ 67	.2	.4	.7	.7	.6	.6	1.3	1.1	.9	.9	.3	.0						188	188		41		
66/ 65	.2	.8	.9	.5	.4	.9	1.1	1.0	1.1	.7	.3							195	195		73		
64/ 63	.1	.5	.6	.2	.2	.6	.7	1.3	1.3	.4	.1							148	148		108		
62/ 61	.2	.4	.4	.2	.2	.5	.8	.6	.9	.2								126	126		170		
60/ 59	.1	.1	.2	.2	.3	1.1	.6	1.1	.4	.1								107	107		167		
58/ 57	.0	.2	.4	.3	.4	.6	.6	.6	.4	.6	.1							81	82		141		
56/ 55	.2	.4	.1	.2	.4	.9	.7	1.0	.1									93	93		151		
54/ 53	.0	.5	.1	.2	.1	.8	.7	.5										72	72		153		
52/ 51	.0	.2	.2	.3	.2	.5	.6	.2										56	56		161		
50/ 49	.0	.2	.3	.2	.4	.5	.4	.2										54	54		120		
48/ 47	.2	.2	.1	.1	.3	.1	.0											20	20		137		
46/ 45		.1	.1	.0	.0	.2	.1											12	12		111		
44/ 43		.1	.1	.1	.1	.0	.1											7	7		81		
42/ 41			.0		.0	.1												4	4		78		
40/ 39						.1	.0											3	3		48		
38/ 37					.1	.0															18		
36/ 35																					4		
34/ 33																					4		
32/ 31																					4		
30/ 29																					2		
28/ 27																					3		
26/ 25																					70		
24/ 23																					48		
22/ 21																					72		
20/ 19																					50		
Element (X)	Σ X																Mean No. of Hours with Temperature						
Rel. Hum.																	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																							
Wet Bulb																							

PSYCHROMETRIC SUMMARY

MONTH
AÖN

1500-1700

AFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MOODY AFB GEORGIA/VALDOSTA 42-45, 51-75

STATION NAME

YEARS

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL																	
																		D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31																				
86/ 85										.0								1	1																		
84/ 83									.0									1	1																		
80/ 79				.0	.1	.1	.2	.3	.0									6	6																		
78/ 77			.0	.2	.4	.7	.6	.1	.0									19	19																		
76/ 75			.0	.4	1.0	1.3	.5	.2	.0									48	48																		
74/ 73	.0	.1	.4	.7	1.4	2.1	1.3	.4	.1	.1	.0							80	80	9	1																
72/ 71	.0	.4	.7	1.6	2.5	3.4	2.1	.8	.3	.1	.0							107	107	15	6																
70/ 69	.0	.5	1.1	2.5	4.1	5.8	3.5	.8	.3	.1	.0							183	183	32	25																
68/ 67	.4	.8	1.4	3.5	5.8	8.1	5.1	.4	.2	.3	.0							196	196	84	22																
66/ 65	.4	1.0	2.3	5.1	8.1	11.5	7.9	.9	.3	.2	.0							211	211	160	62																
64/ 63	.1	1.2	2.5	5.8	9.1	12.7	9.3	.3	.5	.1	.1							205	205	165	108																
62/ 61	.4	.9	1.3	3.1	5.8	9.1	6.6	.5	.3	.3								164	164	208	153																
60/ 59	.1	.8	1.1	2.4	4.1	6.8	4.9	.5	.5	.1								159	159	165	168																
58/ 57	.2	.6	.8	.8	1.6	2.9	1.6	.4	.4									137	137	167	161																
56/ 55	.3	.5	.8	.8	1.3	2.1	1.4	.3	.1	.1								145	145	141	132																
54/ 53	.1	.5	.9	.9	1.5	2.1	1.8	.5	.0	.0								116	116	142	138																
52/ 51		.3	.5	.8	1.0	1.1	1.1	.5	.0									93	93	121	99																
50/ 49	.0	.2	.2	.9	1.2	1.0	.6	.3	.0									93	94	133	108																
48/ 47		.1	.7	1.2	.8	.7	.7	.0										79	79	145	86																
46/ 45		.1	.5	.9	1.0	.3	.2											62	62	128	92																
44/ 43		.2	.5	.4	.2	.2												33	33	104	94																
42/ 41		.0	.2	.3	.4	.2												24	24	84	105																
40/ 39			.2	.4	.0	.0												15	15	80	88																
38/ 37			.1	.1	.1													4	4	42	98																
36/ 35				.0	.1													3	3	32	86																
34/ 33			.0	.0	.0													2	2	16	82																
32/ 31				.0														1	1	4	53																
30/ 29																				5	57																
28/ 27																				1	42																
26/ 25																				2	30																
24/ 23																					30																
22/ 21																					22																
20/ 19																					12																
18/ 17																					9																
Element (X)	2 X ²																	X		Z X		No. Obs.		Meas. No. of Hour. with Temperature													
Rel. Hum.																								≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																																					

PSYCHROMETRIC SUMMARY

NOV
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MUDDY AFB GEORGIA/VALDOSTA STATION NAME 42-45, 51-75 YEARS NOV MONTH

PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75			.2															3	3		
74/ 73		.2	.1	.2		.1												9	9		
72/ 71		.5	.4	.2														18	18	7	4
70/ 69	.1	.8	1.2	.5	.4													50	50	17	16
68/ 67	.2	1.5	2.4	.8	.2	.1												85	85	25	15
66/ 65	.8	1.9	2.9	1.2	.5													126	126	79	44
64/ 63	.6	2.8	3.9	1.0	.4	.1												148	148	100	71
62/ 61	.5	3.3	2.4	1.1	.5	.4												139	139	125	103
60/ 59	.4	2.9	2.3	1.5	.9	.4	.1	.1										144	144	154	121
58/ 57	.5	2.3	2.2	1.5	1.0	.4	.1											134	134	115	143
56/ 55	.3	1.4	2.5	1.5	1.2	.8	.3	.1										135	135	115	98
54/ 53	.3	1.6	2.1	1.9	.9	.4	.4											130	130	103	88
52/ 51	.4	.9	1.9	1.5	1.2	.5	.1											111	111	111	92
50/ 49	.2	.7	1.8	1.7	1.3	.3												101	101	116	92
48/ 47		.9	1.5	1.6	.6	.2	.1											86	86	98	79
46/ 45		.4	1.5	1.3	.6	.1												66	66	104	61
44/ 43	.1	1.1	1.5	1.1	.6	.1	.1											77	77	90	100
42/ 41	.1	.6	.9	.7	.3	.1												45	45	110	76
40/ 39		.4	1.1	.6	.5	.1												45	45	70	79
38/ 37	.1	.2	.3	.6	.2													22	22	61	86
36/ 35		.3	.4	.2	.1													16	16	35	61
34/ 33		.1	.1	.2														6	6	25	71
32/ 31				.1														2	2	26	42
30/ 29			.1															1	1	6	47
28/ 27																				4	27
26/ 25																				3	25
24/ 23																					16
22/ 21																					12
20/ 19																					7
18/ 17																					9
16/ 15																					7
14/ 13																					3
12/ 11																					2
10/ 9																					2
Element (X)	Σ X ²			Σ X			\bar{X}	σ_x	No. Obs.			Mean No. of Hours with Temperature					Total				
Rel. Hum.												≤ 0 F	≤ 32 F	≤ 67 F	≥ 80 F	≥ 93 F					Total
Dry Bulb																					
Wet Bulb																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13657
STATION

STATION NAME
MOODY AFB GEORGIA/VALDOSTA

42-45,51-75

YEARS

NOV
MONTH

PAGE 2 2100-2300
HOURS (L. S.T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45, 51-60, 64, 66, 75
YEARS

DEC
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F.)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
72/ 71		.1																1	1	1	1	
70/ 69		.5	.3															10	10	10	10	
68/ 67	.2	1.1	.4															21	21	21	6	
66/ 65	.5	1.5	.5															32	32	34	23	
64/ 63	1.4	1.5	.5															44	44	37	40	
62/ 61	1.5	2.8	.4	.2														65	65	59	50	
60/ 59	1.3	2.5	1.1	.5	.2													64	64	49	53	
58/ 57	.7	2.9	1.1	.5	.2													70	70	52	48	
56/ 55	1.2	3.1	1.1	.2	.2		.1											77	77	74	51	
54/ 53	1.0	1.8	1.5	.2	.2	.2	.2											61	61	67	68	
52/ 51	1.4	1.9	1.3	.4	.2	.1	.1											70	70	57	62	
50/ 49	1.1	2.8	1.9	.7	.3	.2	.2											91	91	68	47	
48/ 47	.7	3.1	2.9	1.2	.1	.2	.2											108	108	74	69	
46/ 45	.3	1.9	3.6	1.0	.4	.4	.4											94	94	79	51	
44/ 43	.7	2.4	2.7	.8	.2	.2	.2											88	88	84	66	
42/ 41	.2	2.1	2.8	1.4	.1	.1	.1											85	85	96	63	
40/ 39	.5	2.3	2.5	1.6	.1	.1	.1											90	90	97	78	
38/ 37	.3	1.4	1.5	.8	.2	.2	.2											55	55	88	88	
36/ 35		1.9	1.6	.8														56	56	66	71	
34/ 33		.8	1.5	1.0														42	42	52	60	
32/ 31		.9	1.9	.4														42	42	48	54	
30/ 29		1.1	.6	.2														24	24	46	53	
28/ 27		.2	.3															6	6	41	41	
26/ 25		.2	.5															9	9	15	34	
24/ 23			.1															1	1	6	47	
22/ 21																				5	28	
20/ 19																				1	13	
18/ 17																					15	
16/ 15																					12	
14/ 13																					4	
12/ 11																					6	
10/ 9																					3	
8/ 7																					1	
Element (X)	Σ X ²		Σ X		C _X		X̄		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																						
Wet Bulb																						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

MOODY AFB GEORGIA/VALDOSTA

42-45, 51-60, 64, 66, 75 YEARS

DEC
MONTH

PAGE 2

0000-0200
HOURS (L-S-T)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MOODY AFB GEORGIA/VALDOOSTA

DEC
MONTH

YEARS

PAGE 1 0300-0500
HOURS (L. S. T.)

STATION NAME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL					
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
74/ 73			.1	.1														2	2						
72/ 71		.1	.3															7	7						
70/ 69		.2	.3	.1														7	7	6	4				
68/ 67	.1	1.6	.3															32	32	19	8				
66/ 65	.7	1.5																35	35	34	38				
64/ 63	.9	1.1	.3															30	36	45	39				
62/ 61	1.1	2.8	.1	.1	.1													66	66	41	42				
60/ 59	2.5	1.2	.4	.1														66	66	81	69				
58/ 57	1.3	2.3	.2	.1	.1													63	63	49	60				
56/ 55	.3	2.3	.5	.1		.1												69	69	65	57				
54/ 53	1.1	2.6	1.5	.3	.1	.3												94	94	62	49				
52/ 51	1.2	2.3	.9	.3														75	75	79	73				
50/ 49	1.0	2.5	1.1	.2	.1													78	79	69	63				
48/ 47	1.3	2.9	1.9	.4	.4	.2												112	112	88	70				
46/ 45	.9	3.5	1.8	.6	.3	.2												118	118	87	70				
44/ 43	.9	2.6	2.5	.6														107	107	105	83				
42/ 41	.4	2.4	2.3	.9	.1													98	98	88	77				
40/ 39	.4	3.1	1.8	.3														100	100	109	87				
38/ 37	.9	2.3	1.6	.3														81	81	104	77				
36/ 35	.3	2.4	2.3	.7	.1													92	92	96	94				
34/ 33	.3	2.0	1.8	.8														77	77	85	78				
32/ 31	.1	1.6	1.3	.5	.1													56	56	69	75				
30/ 29		1.2	1.1	.6														46	46	63	76				
28/ 27	.1	1.2	1.1															38	38	48	57				
26/ 25	.1	.8	.3															18	18	53	44				
24/ 23		.1	.8															15	15	23	54				
22/ 21																				12	30				
20/ 19																				8	34				
18/ 17																					22				
16/ 15																					17				
14/ 13																					14				
12/ 11																					13				
10/ 9																		2	2	2	8				
8/ 7																					6				
Element (X)	Σ X ²																	Σ X		No. Obs.		Mean No. of Hours with Temperature		Total	
Rel. Hum.																						≤ 0 F		≥ 80 F	
Dry Bulb																						≤ 32 F		≥ 73 F	
Wet Bulb																									

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION MOODY AFB GEORGIA/VALDOOSTA 42-45, 51-75 YEARS

DEC
MONTH

PAGE 1 01500-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75				.0														1	1		
74/ 73		.1	.0															4	4		
72/ 71		.1	.1															6	6	5	6
70/ 69	.0	.8	.4															26	26	7	
68/ 67	.2	.8	.5															31	31	32	22
66/ 65	.5	1.6	.4															51	51	41	37
64/ 63	.9	1.6	.3															60	61	59	65
62/ 61	.8	2.0	.1	.0														64	65	66	61
60/ 59	2.0	1.3	.6															82	83	82	78
58/ 57	1.9	2.0	.2	.1	.0	.1												92	92	78	77
56/ 55	.9	2.0	.8	.1														79	80	68	64
54/ 53	1.6	2.4	1.1	.2		.1												116	116	90	82
52/ 51	.8	2.0	.8	.1	.1	.0												81	81	86	64
50/ 49	1.4	2.8	1.3	.0		.0												116	117	92	99
48/ 47	1.0	2.5	1.9	.4	.3	.0												129	129	108	85
46/ 45	.7	2.9	2.4	.4	.1	.2												138	138	103	82
44/ 43	.6	2.5	1.5	.5	.0	.0												111	111	113	91
42/ 41	.8	2.3	1.5	.7	.3													116	116	125	98
40/ 39	.6	3.8	1.7	.7														143	143	129	103
38/ 37	.3	3.6	2.1	.8	.1													145	146	132	124
36/ 35	.3	2.9	2.0	.8														125	125	137	102
34/ 33	.3	2.7	1.5	.4														104	104	116	115
32/ 31	.4	1.9	1.8	.5	.0													97	97	133	109
30/ 29	.1	1.4	1.1	.1														59	59	74	97
28/ 27	.2	.9	1.2															49	49	80	87
26/ 25	.2	.9	.5	.1														35	35	54	61
24/ 23	.1	.7	.5															28	28	46	72
22/ 21	.2	.2	.1															7	7	22	52
20/ 19																				15	43
18/ 17																					34
16/ 15																					28
14/ 13																					25
12/ 11																					14
10/ 9	.1																	3	3	2	9
Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						≥ 73 F	≥ 80 F	≥ 93 F	Total	
Rel. Hum.																					
Dry Bulb																					
Wet Bulb																					

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 2

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 MOODY AFB GEORGIA/VALDOSTA 42-45,51-75

DEC
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79							.0											1	1		
78/ 77				.0	.1	.0												4	4		
76/ 75			.0	.3	.0	.0												10	10		
74/ 73		.0	.3	.3	.4	.1	.1											30	30		
72/ 71		.1	.8	.5	.3	.2	.0											44	44		6
70/ 69		.8	1.2	.8	.2	.2	.0	.0	.0									76	76		28
68/ 67	.1	1.1	1.1	.4	.2	.1	.0											73	73		7
66/ 65	.6	1.5	1.0	.7	.3	.2	.0	.2										109	109		60
64/ 63	.8	1.9	.8	.5	.5	.1	.1	.0	.1									114	115		86
62/ 61	.7	2.0	.6	.8	.5	.2	.2	.0	.0									120	120		116
60/ 59	.6	1.8	.6	.9	.3	.6	.3	.2	.2									127	128		111
58/ 57	.4	2.0	1.3	.5	.4	.5	.5	.1	.1									135	135		90
56/ 55	.8	1.3	1.6	.8	.5	.5	.4	.1										142	142		94
54/ 53	.7	1.9	1.3	1.2	1.1	1.1	.4											180	180		125
52/ 51	.6	1.4	1.1	1.2	1.1	.8	.1											149	149		109
50/ 49	.5	1.4	1.6	1.4	1.2	.7	.2											166	166		116
48/ 47	.3	1.1	1.7	1.7	1.1	.6	.0											159	159		80
46/ 45	.5	1.1	1.4	1.6	1.0	.5												144	144		102
44/ 43	.3	1.1	1.4	1.4	1.4	.3	.0											132	132		97
42/ 41	.1	.9	1.7	1.2	1.1	.2												122	122		100
40/ 39	.3	.7	1.3	1.0	.9	.2												104	104		122
38/ 37	.1	.5	.4	1.1	.6	.0												64	64		113
36/ 35		.3	.9	.9	.1													54	54		110
34/ 33	.0	.1	.5	.8	.2	.0												41	41		124
32/ 31	.1	.2	.3	.5	.1													29	29		93
30/ 29		.0	.3	.2	.0													14	14		89
28/ 27			.3	.3	.3													14	14		77
26/ 25		.1	.1	.0														7	7		74
24/ 23			.1															3	3		56
22/ 21																					43
20/ 19																					43
18/ 17			.0															1	1		42
16/ 15																					29
14/ 13																					17
Element (X)	Σ X ²			Σ X			X̄			σ _x			Mean No. of Hours with Temperature			No. Obs.			Total		
Rel. Hum.																					
Dry Bulb																					
Wet Bulb																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION MURDOY AFB GEORGIA/VALDOSTA 42-45.51-75 YEARS DEC MONTH
PAGE 1 1200-1400 HOURS (L S T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83							.0		.0									2	2		
82/ 81						.1	.1		.1	.0								8	8		
80/ 79				.0	.2	.5	.5	.2	.1	.0								38	38		
78/ 77				.1	.4	.8	.4	.7	.1			.0						64	64		
76/ 75			.1	.5	.9	1.0	.6	.6	.1									93	93		
74/ 73		.1	.2	.8	1.1	1.0	.8	.3	.1	.1	.2							116	116	1	
72/ 71		.1	.6	.8	.9	.8	.5	.3	.2	.1	.1							105	105	23	2
70/ 69		.5	1.1	.8	.8	.9	.8	.5	.4	.3	.0							145	145	65	12
68/ 67	.0	.6	1.0	.5	.9	1.1	.6	.5	.6	.2								148	148	107	40
66/ 65	.2	1.1	.6	.8	1.1	.8	.8	.3	.1	.3								157	157	152	82
64/ 63	.4	1.0	.4	1.0	1.0	1.1	1.2	.3	.6	.4								193	193	141	111
62/ 61	.1	1.2	.4	.6	1.0	1.0	1.2	1.0	.7	.2								183	183	125	128
60/ 59	.2	1.1	.6	.5	.9	.7	.9	1.0	.5									160	160	133	102
58/ 57	.3	.5	.8	.4	.5	1.0	1.4	1.1	.1	.0								147	147	145	112
56/ 55	.2	.8	.6	.6	.8	1.0	1.5	.5	.2									153	153	142	115
54/ 53	.1	.4	.9	.7	.8	1.3	1.3	.2	.1									146	146	145	115
52/ 51	.2	.4	.7	.7	1.1	1.1	.7	.3	.0									128	128	155	119
50/ 49	.2	.5	.6	.6	.8	1.0	.8	.1										114	114	152	102
48/ 47	.2	.4	.2	.4	.5	1.0	.8	.1										88	88	167	94
46/ 45	.4	.7	.2	.2	.3	1.0	.4	.0										81	81	181	113
44/ 43	.1	.5	.3	.3	.6	.8	.1											66	66	185	97
42/ 41	.1	.3	.4	.2	.8	.4	.1											56	56	90	117
40/ 39	.1		.0	.4	.4	.2	.1											33	33	92	89
38/ 37		.2	.1	.2	.2	.2	.2											20	20	77	101
36/ 35		.1	.0	.2	.2	.0												12	12	71	78
34/ 33		.0		.2	.0													6	6	58	102
32/ 31				.1	.1													4	4	27	86
30/ 29			.0	.1	.1													5	5	15	100
28/ 27				.0														1	1	14	80
26/ 25																				3	75
24/ 23																				5	61
22/ 21																					59
20/ 19																					39
18/ 17																					41
Element (X)	Σ X																Σ X		Mean No. of Hours with Temperature		
Rel. Hum.																			≥ 80 F		
Dry Bulb																			≥ 73 F		
Wet Bulb																			≥ 93 F		
Total																			Total		

PSYCHROMETRIC SUMMARY

DEC
MONTH

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HOURS (L. S.T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857 STATION

MOODY AFB GEORGIA/VALDOSTA
STATION NAME

42-45,51-75

YEARS

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83							.1	.0	.1	.1								3	3		
82/ 81							.1	.1	.1	.1								11	11		
80/ 79				.0	.2	.3	.8	.3	.2	.2	.0							44	44		
78/ 77				.0	.5	.8	.8	.6	.2	.1	.1		.0					71	71		
76/ 75			.0	.5	.8	.8	.8	1.0	.4		.0							104	104		
74/ 73		.3	.3	.5	1.0	.7	1.1	.2	.1	.3	.0							97	97	2	
72/ 71		.2	.5	.7	.9	.9	.8	.5	.5	.2	.1	.0						128	128	15	
70/ 69		.4	1.2	.6	1.1	1.2	1.2	.7	.5	.5	.1							178	178	57	10
68/ 67	.1	.5	.8	.6	1.0	1.0	.9	.8	.4	.5	.0							158	158	100	32
66/ 65	.2	.6	.8	.5	1.1	.7	1.1	.6	.9	.3	.0							164	164	138	68
64/ 63	.2	1.3	.7	.6	.9	1.2	1.4	.8	.8	.3	.0							198	198	140	102
62/ 61	.2	.9	.5	.5	.9	.8	1.1	1.0	1.1	.1								171	171	159	116
60/ 59	.1	.7	.7	.4	.8	1.1	1.2	1.0	.6	.0								156	156	146	107
58/ 57	.1	.5	.7	.5	.6	.6	1.2	1.3	.2	.0								134	134	138	112
56/ 55	.3	.5	.4	.8	.9	.7	1.8	.6	.3	.0								151	151	140	124
54/ 53	.3	.3	.7	.7	.6	1.0	1.2	.3	.0									121	121	162	108
52/ 51	.1	.5	.8	.5	.5	.8	1.5	.4										121	121	146	120
50/ 49	.0	.3	.1	.5	.4	.8	1.0	.0										77	77	161	106
48/ 47	.0	.5	.2	.2	.5	.5	.8	.1										65	65	172	91
46/ 45	.0	.6	.4	.3	.2	1.2	.5	.5										77	77	155	92
44/ 43	.1	.3	.2	.1	.6	.5	.1	.0										47	47	134	120
42/ 41	.1	.2	.5	.1	.3	.5	.1											42	42	98	96
40/ 39	.1	.2	.2	.3	.2	.2	.2											21	21	92	95
38/ 37	.2	.1	.1	.3	.1	.1	.1											18	18	63	86
36/ 35		.1	.1	.1	.2	.2	.1											12	12	80	84
34/ 33				.0	.1	.1	.1											4	4	34	93
32/ 31					.1													3	3	23	81
30/ 29																				14	100
28/ 27																				1	76
26/ 25																				3	67
24/ 23																				2	67
22/ 21																				1	52
20/ 19																					30
18/ 17																					48
Element (X)	Σ X ²	Σ X			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature							
Rel. Hum.														≤ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857
STATION

STATION NAME
MOODY AFB GEORGIA/VALDOSTA

22-45, 51-75

YEARS

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HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42-45,51-75

MOODY AFB GEORGIA/VALDOSTA

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STATION NAME

YEARS

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1800-2000
HOURS (L. S. T.)

DEC
MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77					.1	.2	.1											2	2		
76/ 75			.1	.2	.2	.7	.3	.1										10	10		
74/ 73			.1	.2	.3	.7	.3	.1										22	22		
72/ 71		.1	.5	.6	.3	.3	.3	.1	.1									37	37	1	
70/ 69	.1	.6	1.2	.9	.4	.4	.4	.1										71	71	17	4
68/ 67	.2	.8	1.1	1.4	.6	.4	.4											87	87	35	25
66/ 65	.5	1.4	1.6	1.4	.9	.4	.1	.1	.1									120	120	81	38
64/ 63	.3	1.8	1.2	1.1	.7	.6	.4	.1										117	117	80	62
62/ 61	.7	1.5	1.3	1.7	1.3	.4	.4	.3	.1									144	144	121	93
60/ 59	.3	1.4	1.1	1.7	1.2	.8	.2											125	125	111	80
58/ 57	.6	.8	1.2	.9	1.3	1.1	.7	.2										130	130	103	103
56/ 55	.4	1.5	1.3	2.0	1.5	.8	.6	.1										156	156	116	97
54/ 53	.2	.7	.8	1.4	1.3	1.3	.6	.1										120	121	119	81
52/ 51	.2	.7	1.4	2.0	1.5	1.5	.2											140	140	82	100
50/ 49	.1	.4	2.4	1.8	1.2	.9	.4											137	137	127	72
48/ 47	.1	.6	1.1	1.5	1.7	.7	.1											109	109	140	79
46/ 45		.6	1.1	.9	1.4	.6	.1											89	89	134	80
44/ 43	.1	.5	.9	1.3	1.1	.6	.1											85	85	143	105
42/ 41	.2	.4	1.1	.7	.9	.1												65	65	112	112
40/ 39	.2	.3	.6	1.0	.6	.1												54	54	105	104
38/ 37	.1	.1	.3	.6	.4													26	26	86	80
36/ 35	.1	.2	.4	.5	.4													30	30	59	87
34/ 33		.2	.3	.4	.1													15	15	54	65
32/ 31			.3	.1	.1													2	2	35	93
30/ 29				.1														2	2	19	73
28/ 27																				9	62
26/ 25																				5	44
24/ 23			.1															1	1	1	44
22/ 21			.1															1	1		30
20/ 19																				1	31
18/ 17																				1	16
16/ 15																					19
14/ 13																					4
12/ 11																					7
Element (X)	Σ X ²			Σ X			X̄	σ _x	No. Obs.			Mean No. of Hours with Temperature					Total				
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb																					
Wet Bulb																					

PSYCHROMETRIC SUMMARY

DEC
MONTH

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HOURS (L.S.T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13857

MOODY AFB GEORGIA/VALDOSTA

42-45,51-59,61,63-75

DEC

STATION NAME

YEARS

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PAGE 1

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
																		D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
72/ 71			.1	.2														5	5		
70/ 69		.4	.4	.1														13	13		
68/ 67	.2	1.3	.8	.2														36	36	14	
66/ 65	.6	1.9	1.2	.3	.1													59	59	41	
64/ 63	1.3	2.2	.8	.4	.1													71	71	61	
62/ 61	.8	2.0	2.2	.3	.1	.1												80	80	61	
60/ 59	1.3	3.0	1.5	.4	.3	.2												96	96	76	
58/ 57	.8	1.8	2.2	.6	.1	.3	.1											83	83	90	
56/ 55	.4	2.7	1.7	.9	.3	.2	.1											97	97	69	
54/ 53	.6	.7	1.3	1.1	.6	.1												64	64	79	
52/ 51	.8	1.5	2.4	1.2	.6	.4												100	100	61	
50/ 49	.3	2.0	3.2	2.4	.8	.3												128	128	72	
48/ 47	.2	1.0	3.3	1.5	1.2													103	103	91	
46/ 45		1.2	2.4	1.3	1.0													86	86	103	
44/ 43	.2	1.4	1.7	2.2	.8	.1												93	93	107	
42/ 41	.4	1.3	2.4	2.0	.6	.1												98	98	89	
40/ 39	.5	1.0	2.4	1.3	.6													82	82	99	
38/ 37		.6	1.2	.7	.3													40	40	90	
36/ 35		.3	1.3	.3	.1													30	30	83	
34/ 33	.1	.6	1.0	.8														37	37	47	
32/ 31		.2	.8	.3														18	18	37	
30/ 29		.1	.2	.1														7	7	29	
28/ 27			.3	.1														5	5	19	
26/ 25				.1														1	1	8	
24/ 23																				4	
22/ 21																				2	
20/ 19																				12	
18/ 17																				11	
16/ 15																				9	
14/ 13																				4	
12/ 11																				2	
67-5																				2	
TOTAL	9.0	27.4	34.8	18.9	8.0	1.7	.2											1432	1432	1432	
Element (X)	ΣX ²		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		
Ref. Hum.	8838056		110366		77.1		15.232		1432		1432		1432		1432		1432		1432		
Dry Bulb	3814576		72644		50.7		9.510		1432		1432		1432		1432		1432		1432		
Wet Bulb	3360361		67793		47.3		10.270		1432		1432		1432		1432		1432		1432		
Dew Point	2935311		62229		43.5		12.708		1432		1432		1432		1432		1432		1432		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

42-46,51-76

MOODY AFB GEORGIA/VALDOSTA

13857

YEARS

STATION NAME

STATION

HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN S.D. TOTAL OBS	47.9 9.859 1337	51.7 9.451 1260	55.6 8.947 1179	61.7 6.450 1353	68.2 4.831 1406	73.6 3.240 1319	75.0 2.412 1424	75.0 2.624 1409	71.9 3.736 1414	62.4 7.293 1514	53.5 8.842 1472	48.1 9.988 1306
03-05	MEAN S.D. TOTAL OBS	45.7 10.610 1741	49.1 10.204 1627	53.4 9.520 1608	59.4 7.136 1764	65.6 5.252 1952	71.4 3.545 1873	73.4 2.293 1977	73.4 2.482 1987	70.3 3.966 1922	60.6 7.835 2013	51.4 9.659 1749	46.1 10.925 1591
06-08	MEAN S.D. TOTAL OBS	45.0 11.212 2333	47.6 10.656 2124	52.9 9.892 2172	60.4 7.461 2273	67.8 5.858 2353	73.5 4.297 2253	75.3 3.244 2339	74.6 3.287 2371	70.9 4.533 2298	60.5 8.014 2414	50.7 10.147 2269	45.5 11.463 2105
09-11	MEAN S.D. TOTAL OBS	50.8 10.501 2454	54.2 10.698 2245	60.7 9.947 2303	69.8 7.501 2409	77.2 6.103 2504	82.0 4.907 2398	83.3 4.085 2482	83.0 4.305 2486	78.9 5.581 2437	70.1 7.669 2540	59.7 9.651 2413	52.3 10.689 2372
12-14	MEAN S.D. TOTAL OBS	58.4 11.032 2541	61.4 10.656 2337	67.5 10.175 2414	75.9 7.627 2505	82.6 6.402 2573	86.8 5.376 2462	87.6 4.943 2543	87.8 4.952 2548	84.3 5.724 2508	76.8 7.114 2618	67.3 9.264 2490	60.0 10.421 2472
15-17	MEAN S.D. TOTAL OBS	60.3 10.591 2501	63.4 10.291 2301	69.5 9.827 2368	77.4 7.551 2472	83.2 6.983 2529	86.8 6.412 2390	86.9 6.369 2476	87.0 6.244 2486	84.2 6.216 2444	77.3 7.064 2578	68.0 8.880 2468	61.3 10.126 2376
18-20	MEAN S.D. TOTAL OBS	55.1 9.794 2143	58.6 9.483 1975	64.8 9.092 2037	72.5 7.236 2165	78.3 6.518 2173	82.0 5.998 2065	81.9 5.560 2181	82.0 5.469 2190	78.6 5.306 2145	70.5 7.011 2304	60.9 8.684 2188	55.1 9.441 1898
21-23	MEAN S.D. TOTAL OBS	50.5 9.584 1569	54.0 9.140 1465	58.8 8.598 1483	65.9 6.437 1668	71.9 4.975 1683	76.5 3.930 1594	77.3 3.282 1770	77.4 3.329 1746	74.0 3.987 1673	65.2 7.162 1753	55.8 8.656 1699	50.7 9.510 1432
ALL HOURS	MEAN S.D. TOTAL OBS	52.3 11.910 16619	55.6 11.582 15334	61.2 11.378 15564	68.8 9.867 16605	75.2 8.869 17173	79.8 7.629 16354	80.8 6.865 17192	80.7 7.010 17223	77.3 7.453 16841	68.7 9.860 17740	59.2 11.288 16754	53.2 11.904 15552

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13857 MOODY AFB GEORGIA/VALDOSTA 42-46,51-76

YEARS

STATION NAME

STATION

HRS. (LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
MEAN	45.3	48.8	52.2	57.9	64.6	70.5	72.5	72.6	69.4	59.3	50.7	45.5	59.4
S.D.	10.608	10.263	9.871	7.433	5.571	3.601	2.145	2.382	4.296	8.129	9.812	10.729	12.676
TOTAL OBS	1336	1260	1179	1353	1406	1320	1424	1408	1385	1514	1472	1306	16363
MEAN	43.7	46.8	50.6	56.6	63.2	69.3	71.6	71.6	68.3	58.2	49.1	43.9	58.4
S.D.	11.278	10.915	10.392	7.955	5.920	3.878	2.295	2.603	4.624	8.575	10.450	11.523	13.100
TOTAL OBS	1738	1625	1603	1762	1945	1860	1976	1987	1890	2018	1748	1590	21742
MEAN	43.1	45.4	50.1	57.0	64.3	70.4	72.6	72.2	68.5	57.9	48.4	43.4	58.0
S.D.	11.756	11.336	10.623	8.102	5.976	3.975	2.520	2.851	4.981	8.745	10.812	11.919	13.892
TOTAL OBS	2325	2119	2158	2268	2348	2240	2336	2371	2266	2414	2267	2098	27210
MEAN	46.8	49.1	54.0	60.9	67.7	73.2	75.4	75.4	71.9	62.6	53.6	47.9	61.7
S.D.	11.223	10.909	10.127	7.588	5.467	3.673	2.310	2.682	4.608	7.762	9.909	11.190	13.205
TOTAL OBS	2450	2242	2300	2407	2504	2394	2482	2485	2409	2540	2411	2370	28994
MEAN	50.7	52.3	56.6	62.5	68.5	73.7	75.8	75.9	72.9	64.7	56.9	51.9	63.6
S.D.	10.598	10.133	9.382	6.943	5.107	3.528	2.362	2.612	4.087	6.990	9.001	10.343	11.847
TOTAL OBS	2540	2336	2413	2504	2573	2462	2543	2548	2483	2616	2495	2472	29987
MEAN	51.4	53.1	57.0	62.8	68.3	73.2	75.3	75.3	72.6	64.6	56.9	52.5	63.7
S.D.	10.097	9.504	8.805	6.505	4.762	3.396	2.438	2.565	3.800	6.715	8.656	9.929	11.264
TOTAL OBS	2501	2301	2367	2471	2528	2387	2476	2486	2420	2577	2467	2376	29357
MEAN	49.1	51.1	55.5	61.7	67.4	72.4	74.3	74.3	71.4	62.7	54.2	49.7	62.2
S.D.	10.085	9.553	8.924	6.717	4.870	3.420	2.449	2.548	3.949	7.247	9.134	9.982	11.762
TOTAL OBS	2143	1975	2037	2166	2173	2065	2181	2190	2119	2304	2187	1897	25437
MEAN	46.8	49.6	53.4	59.8	66.0	71.4	73.3	73.3	70.2	60.6	51.8	47.3	60.8
S.D.	10.320	9.899	9.313	6.977	5.254	3.602	2.227	2.453	4.154	7.784	9.462	10.270	12.259
TOTAL OBS	1569	1465	1483	1668	1683	1594	1770	1746	1646	1753	1699	1432	19508
MEAN	47.4	49.7	54.0	60.2	66.5	72.0	74.0	74.0	70.8	61.6	53.1	48.2	61.2
S.D.	11.181	10.646	9.986	7.631	5.682	3.935	2.787	3.026	4.660	8.143	10.134	11.241	12.682
TOTAL OBS	16602	15323	15540	16599	17160	16322	17188	17221	16618	17738	16746	15541	198598

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13857 MOODY AFB GEORGIA/VALDOSTA 42-46,51-76

STATION NAME

YEARS

STATION

HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	42.1	45.4	48.7	55.0	62.4	71.5	71.5	68.2	56.9	47.7	42.4	57.0
	S. D.	13.098	12.823	12.409	9.503	6.981	4.482	2.698	5.031	9.861	12.097	12.950	14.481
	TOTAL OBS	1336	1259	1179	1353	1406	1320	1424	1384	1514	1471	1306	16360
03-05	MEAN	40.8	43.9	47.6	54.2	61.6	70.8	70.8	67.2	56.2	46.6	41.0	56.5
	S. D.	13.614	13.338	12.713	9.754	7.030	2.589	2.913	5.441	10.081	12.441	13.730	14.767
	TOTAL OBS	1738	1625	1603	1762	1945	1860	1975	1897	2018	1748	1590	21741
06-08	MEAN	40.3	42.4	47.1	54.2	62.2	71.4	71.1	67.2	55.8	45.8	40.5	55.9
	S. D.	13.946	13.796	12.853	10.047	7.136	2.693	3.079	5.794	10.286	12.713	14.032	15.426
	TOTAL OBS	2325	2119	2156	2268	2348	2240	2336	2371	2266	2414	2267	27208
09-11	MEAN	41.9	43.4	47.5	54.3	62.3	72.1	72.2	68.6	57.5	47.9	42.7	56.8
	S. D.	14.339	14.485	13.927	11.163	7.776	2.876	3.130	5.719	10.489	13.093	14.548	15.557
	TOTAL OBS	2450	2242	2300	2407	2504	2394	2482	2485	2409	2540	2411	28994
12-14	MEAN	42.5	43.0	46.9	53.0	60.6	70.9	71.0	67.6	56.7	47.8	43.5	56.0
	S. D.	14.806	14.906	13.982	11.259	8.125	3.233	3.456	5.702	10.738	13.345	14.997	15.327
	TOTAL OBS	2540	2336	2413	2504	2573	2462	2543	2548	2482	2618	2495	29986
15-17	MEAN	42.1	42.6	45.9	52.4	59.7	70.4	70.3	67.1	56.2	47.2	43.4	55.4
	S. D.	14.728	14.782	13.972	11.174	8.087	3.449	3.703	5.619	10.732	13.435	14.761	15.245
	TOTAL OBS	2501	2301	2367	2471	2528	2387	2476	2486	2420	2577	2467	29357
18-20	MEAN	42.6	43.2	46.8	53.7	61.1	71.0	71.0	68.1	57.4	48.1	43.8	56.5
	S. D.	13.729	13.872	13.426	10.643	7.754	3.330	3.339	5.229	10.035	12.529	13.319	14.781
	TOTAL OBS	2143	1975	2037	2166	2173	2065	2181	2190	2119	2304	2187	25437
21-23	MEAN	42.4	44.8	48.2	55.2	62.5	71.5	71.5	68.3	57.4	47.7	43.5	57.4
	S. D.	13.149	13.007	12.456	9.451	7.062	2.683	2.960	5.024	9.685	12.085	12.708	14.394
	TOTAL OBS	1569	1465	1483	1668	1683	1593	1770	1746	1646	1753	1699	19507
ALL HOURS	MEAN	41.8	43.4	47.2	53.9	61.5	71.2	71.2	67.7	56.7	47.4	42.6	56.4
	S. D.	14.079	14.064	13.361	10.562	7.638	3.019	3.265	5.524	10.318	12.826	14.110	15.086
	TOTAL OBS	16602	15322	15538	16599	17160	16321	17187	17221	16616	17738	16745	198590

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13857 STATION MOODY AFB GEORGIA/VALDOSTA PERIOD 42-46, 51-76 MONTH ALL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.8	96.8	91.2	82.3	70.5	56.7	40.8	23.1	71.9	16601
FEB		100.0	99.3	94.8	87.0	76.7	65.2	52.2	37.3	18.8	68.9	15321
MAR		100.0	98.8	93.1	84.1	72.4	59.5	46.3	33.3	16.6	66.1	15536
APR		100.0	99.0	93.4	83.5	70.8	58.4	45.4	31.6	13.3	65.2	16598
MAY		100.0	99.9	96.4	87.8	75.6	62.7	50.1	35.6	15.1	68.0	17157
JUN		100.0	100.0	99.3	94.4	83.5	71.2	58.3	43.4	17.9	72.5	16321
JUL		100.0	100.0	100.0	98.8	91.1	78.8	65.7	49.7	21.8	76.4	17186
AUG		100.0	100.0	100.0	98.8	90.8	79.0	65.9	50.4	22.8	76.6	17219
SEP		100.0	100.0	99.9	97.7	90.3	78.7	65.5	49.9	24.3	76.4	16613
OCT		100.0	99.7	97.4	91.3	81.4	68.7	54.9	38.6	16.6	70.6	17736
NOV		100.0	99.5	96.4	89.8	79.9	66.4	52.6	37.7	18.7	69.9	16745
DEC		100.0	99.8	97.1	91.5	82.6	71.3	57.8	41.1	21.7	72.1	15536
TOTALS		100.0	99.7	97.1	91.3	81.5	69.2	56.0	40.8	19.2	71.2	198569

RELATIVE HUMIDITY

JAN
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
JAN	00-02	100.0	100.0	99.6	99.2	95.9	88.9	75.7	57.7	34.5	81.0	1336
	03-05	100.0	100.0	100.0	99.4	97.6	90.7	81.7	64.8	42.9	83.7	1738
	06-08	100.0	100.0	99.9	99.5	98.4	92.3	82.8	67.0	43.4	84.2	2325
	09-11	100.0	100.0	99.3	95.4	86.7	73.6	57.9	41.1	21.6	73.4	2450
	12-14	100.0	99.3	92.1	78.4	60.9	43.2	28.8	17.5	7.8	58.5	2540
	15-17	100.0	98.9	86.5	70.8	53.0	36.3	22.6	13.6	6.4	54.5	2500
	18-20	100.0	100.0	97.4	89.1	75.6	59.2	40.2	22.3	8.9	64.9	2143
	21-23	100.0	100.0	99.7	98.1	90.6	79.6	64.1	42.5	19.0	75.1	1569
TOTALS		100.0	99.8	96.8	91.2	82.3	70.5	56.7	40.8	23.1	71.9	16601

RELATIVE HUMIDITY

13857
STATION

NUDDY AFB GEORGIA/VALDOSTA
STATION NAME

43-46, 52-76

FEB
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.9	99.2	95.1	88.6	75.6	55.4	26.9	79.9	1260
	03-05	100.0	100.0	99.9	99.3	96.3	91.4	80.5	64.6	36.1	82.8	1625
	06-08	100.0	100.0	100.0	99.2	96.9	91.3	80.9	64.2	36.0	82.9	2119
	09-11	100.0	100.0	98.6	91.4	79.6	64.8	48.8	33.1	15.7	69.0	2242
	12-14	100.0	98.5	87.2	69.4	51.2	34.8	23.2	14.7	6.3	54.1	2336
	15-17	100.0	96.5	79.8	62.0	43.6	28.9	19.5	12.9	6.3	50.5	2300
	18-20	100.0	99.0	93.4	79.6	63.0	46.6	31.2	18.1	8.3	59.6	1975
	21-23	100.0	100.0	99.5	96.1	88.0	74.9	58.1	35.2	14.6	72.5	1464
TOTALS		100.0	99.3	94.8	87.0	76.7	65.2	52.2	37.3	18.6	68.9	15321

RELATIVE HUMIDITY

PERIODMAR
MONI

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

APR
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
APR	00-02	100.0	100.0	99.9	98.8	96.9	90.1	73.7	55.0	21.9	79.4	1353
	03-05	100.0	100.0	99.9	99.2	97.4	93.8	85.2	68.4	32.7	83.6	1762
	06-08	100.0	100.0	99.8	98.7	95.5	89.7	80.0	61.4	25.4	80.9	2267
	09-11	100.0	99.6	96.1	84.8	69.5	47.9	30.3	14.3	4.4	60.2	2107
	12-14	100.0	97.5	83.9	63.0	36.8	20.0	10.4	6.4	3.4	47.7	2504
	15-17	100.0	95.7	77.0	52.1	29.1	18.0	11.5	7.3	3.3	44.9	2471
	18-20	100.0	98.8	91.0	74.5	52.7	34.5	21.8	12.0	5.7	54.7	2166
	21-23	100.0	100.0	99.4	96.8	88.8	72.9	49.9	28.1	9.6	70.1	1668
TOTALS		100.0	99.0	93.4	83.5	70.8	58.4	45.4	31.6	13.3	65.2	16598

RELATIVE HUMIDITY

STATION
13857

MOODY AFR GEORGIA/VALDOSTA
STATION NAME

42-46,52-75

PERIOD

MAY
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	99.9	99.0	94.8	83.8	65.2	24.6	82.5	1406
	03-05	100.0	100.0	100.0	100.0	99.7	97.9	92.3	78.9	43.4	87.3	1944
	06-08	100.0	100.0	100.0	99.9	98.5	94.2	85.1	66.1	27.8	83.0	2348
	09-11	100.0	100.0	99.0	91.6	76.0	51.3	29.2	11.8	2.6	61.9	2503
	12-14	100.0	99.8	91.3	70.1	40.7	20.1	11.0	5.5	1.9	49.7	2572
	15-17	100.0	99.6	85.5	60.0	34.3	20.1	14.0	8.3	2.7	48.0	2528
	18-20	100.0	100.0	95.7	81.5	61.8	41.8	26.0	15.0	5.8	58.2	2173
	21-23	100.0	100.0	100.0	99.2	94.4	81.6	59.2	34.3	11.8	73.6	1683
TOTALS		100.0	99.9	96.4	87.8	75.6	62.7	50.1	35.6	15.1	68.0	17157

RELATIVE HUMIDITY

13857
STATION

MUCDY AFB GEORGIA/VALDOSTA
STATION NAME

42-46, 52-75

001634

MONTH
UNIT

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.8	97.9	93.0	77.0	30.2	85.7	1320
	03-05	100.0	100.0	100.0	100.0	99.9	99.1	96.9	90.6	50.4	89.8	1860
	06-08	100.0	100.0	100.0	100.0	99.6	97.9	92.5	76.4	31.9	85.8	2240
	09-11	100.0	100.0	99.8	97.8	89.8	68.2	37.4	14.5	3.3	66.6	2394
	12-14	100.0	100.0	98.9	87.0	57.2	27.9	11.5	6.4	2.2	54.6	2462
	15-17	100.0	100.0	96.7	73.3	48.2	29.1	18.9	10.7	3.2	54.0	2386
	18-20	100.0	100.0	99.2	92.0	75.5	58.2	38.8	23.1	7.3	65.0	2065
	21-23	100.0	100.0	100.0	99.7	97.8	91.5	77.7	48.3	14.6	78.7	1594
TOTALS		100.0	100.0	99.3	94.4	83.5	71.2	58.3	43.4	17.9	72.5	16321

RELATIVE HUMIDITY

13857
STATION

MUNDY AFB GEORGIA/VALDOSTA
STATION NAME

42-45,51-75

PERIOD

MONTH
JUL

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	99.9	98.7	89.5	43.7	89.2	1423
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.9	95.3	57.2	91.5	1975
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	98.2	83.8	34.4	87.7	2336
	09-11	100.0	100.0	100.0	99.8	97.3	80.8	45.8	15.0	2.6	69.7	2482
	12-14	100.0	100.0	100.0	97.4	75.8	36.8	14.8	7.2	2.0	58.9	2543
	15-17	100.0	100.0	100.0	94.6	65.6	40.8	26.1	15.0	4.8	60.3	2476
	18-20	100.0	100.0	100.0	98.8	90.5	74.5	54.3	29.6	8.2	71.3	2181
	21-23	100.0	100.0	100.0	100.0	99.9	97.7	88.1	61.9	21.6	82.9	1770
TOTALS		100.0	100.0	100.0	98.8	91.1	78.8	65.7	49.7	21.8	76.4	17186

RELATIVE HUMIDITY

13857
STATION

MUDDY AFB GEORGIA/VALDOSTA
STATION NAME

42-45,51-75

PERIOD

AUG
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.9	99.9	99.0	90.3	44.3	89.2	1408
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	99.7	95.4	57.6	91.6	1987
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	98.7	88.4	40.4	88.9	2371
	09-11	100.0	100.0	100.0	99.8	97.4	84.2	49.6	19.0	2.9	70.8	2484
	12-14	100.0	100.0	99.9	97.5	75.0	37.2	14.4	5.8	1.3	58.6	2548
	15-17	100.0	100.0	99.8	93.6	63.8	39.3	25.0	14.4	4.6	59.6	2485
	18-20	100.0	100.0	99.9	99.1	90.0	73.3	51.9	28.9	8.9	70.9	2190
	21-23	100.0	100.0	100.0	100.0	99.9	98.2	88.5	60.6	22.3	82.8	1746
TOTALS		100.0	100.0	100.0	98.8	90.8	79.0	65.9	50.4	22.8	76.6	17219

RELATIVE HUMIDITY

PERIOD

SEP
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	99.9	99.2	96.4	85.5	45.0	88.4	1383
	03-05	100.0	100.0	100.0	99.9	99.8	99.6	96.5	89.6	55.2	90.2	1690
	06-08	100.0	100.0	100.0	99.9	99.8	99.1	95.2	84.5	44.0	88.5	2265
	09-11	100.0	100.0	99.9	99.1	95.6	81.8	53.5	26.0	6.7	71.7	2409
	12-14	100.0	100.0	99.7	93.7	72.5	38.1	16.9	8.5	3.6	58.8	2482
	15-17	100.0	100.0	99.3	90.2	63.2	37.9	22.6	13.1	5.3	58.7	2420
	18-20	100.0	100.0	100.0	98.9	91.9	75.9	53.6	29.9	10.7	71.7	2118
	21-23	100.0	100.0	100.0	100.0	99.7	90.1	88.8	62.0	23.6	82.9	1646
TOTALS		100.0	100.0	99.9	97.7	90.3	78.7	65.5	49.9	24.3	76.4	16613

RELATIVE HUMIDITY

13857
STATION

MONTOY AFB GEORGIA/VALDOSTA
STATION NAME

~~42-45,51-75~~

PERIOD

130
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	99.5	97.6	94.5	84.7	66.6	27.7	82.9	1514
	03-05	100.0	100.0	100.0	99.7	98.7	95.9	90.0	75.2	39.9	85.9	2017
	06-08	100.0	100.0	100.0	99.6	98.6	96.1	88.6	71.8	35.6	85.0	2413
	09-11	100.0	100.0	98.6	93.3	82.3	63.0	40.6	21.2	6.7	66.2	2540
	12-14	100.0	99.0	92.5	75.7	50.5	25.4	13.4	5.7	1.9	51.9	2618
	15-17	100.0	98.6	89.8	70.6	44.9	24.2	13.1	7.2	2.8	50.6	2577
	18-20	100.0	99.9	98.3	93.3	82.2	61.0	37.8	17.1	6.2	65.1	2304
	21-23	100.0	100.0	99.7	99.0	96.2	89.2	71.2	44.1	12.2	76.8	1753
TOTALS		100.0	99.7	97.4	91.3	81.6	68.7	54.9	38.6	16.6	70.6	17736

RELATIVE HUMIDITY

PERIOD

MONTHLY

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
NOV	00-02	100.0	100.0	99.9	98.8	96.6	89.9	77.4	60.3	32.3	81.6	1472
	03-05	100.0	100.0	99.9	99.5	98.2	93.0	83.1	67.4	40.2	84.3	1748
	06-08	100.0	100.0	100.0	99.8	98.4	93.2	82.3	65.3	37.0	83.8	2266
	09-11	100.0	100.0	98.5	92.4	79.8	62.0	43.0	27.9	11.3	67.1	2411
	12-14	100.0	98.9	89.5	71.8	49.8	26.3	15.7	10.2	3.7	52.1	2495
	15-17	100.0	97.3	85.9	67.7	44.7	24.6	14.3	8.8	3.7	50.3	2467
	18-20	100.0	99.8	97.8	91.0	79.3	60.1	38.5	17.8	6.6	64.7	2187
	21-23	100.0	100.0	99.8	97.7	92.2	82.2	66.3	44.0	14.9	75.5	1699
TOTALS		100.0	99.5	96.4	89.8	79.9	66.4	52.6	37.7	18.7	69.9	16745

RELATIVE HUMIDITY

DEC
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
DEC	00-02	100.0	100.0	100.0	99.5	96.5	89.4	78.3	57.3	31.7	81.3	1306
	03-05	100.0	100.0	100.0	99.5	97.2	90.6	80.9	64.6	37.7	83.1	1588
	06-08	100.0	100.0	100.0	99.6	97.5	91.6	82.1	65.7	36.5	83.4	2098
	09-11	100.0	100.0	99.4	94.0	83.2	70.5	55.4	37.7	19.1	71.8	2370
	12-14	100.0	99.1	91.1	75.9	58.1	42.1	28.3	17.7	8.0	57.6	2470
	15-17	100.0	99.1	87.0	71.5	53.9	37.8	24.9	15.5	7.0	55.3	2376
	18-20	100.0	100.0	99.3	92.7	80.5	64.5	44.2	26.3	11.6	67.5	1896
	21-23	100.0	100.0	100.0	99.4	93.9	83.9	68.2	44.0	22.3	77.1	1432
TOTALS		100.0	99.8	97.1	91.5	82.6	71.3	57.8	41.1	21.7	72.1	15536

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

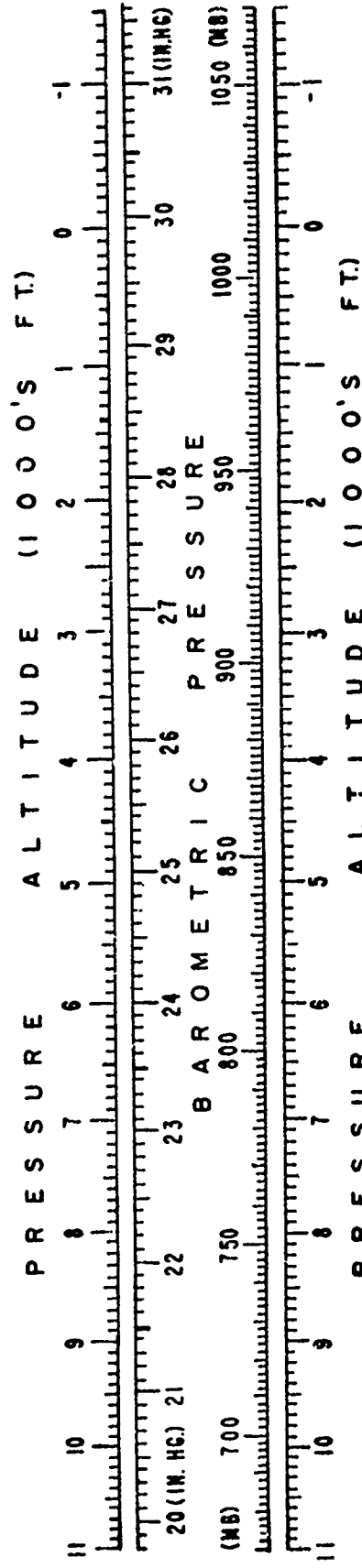
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13857
MOODY AFB GEORGIA/VALDOSTA

46,51-63,65-76

STATION

STATION NAME

VS APC

HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	29.870 178 341	29.830 187 317	29.779 151 279	29.775 149 331	29.738 100 342	29.733 101 311	29.779 081 339	29.753 087 341	29.746 100 350	29.788 133 381	29.843 145 366	29.882 150 310	29.793 142 4008
04	29.874 176 423	29.809 181 399	29.755 149 379	29.763 150 426	29.735 110 576	29.720 099 550	29.756 083 572	29.740 083 577	29.732 098 559	29.770 125 571	29.836 142 400	29.878 154 384	29.775 138 5816
07	29.892 174 631	29.837 186 576	29.809 163 574	29.809 151 586	29.773 111 620	29.755 100 584	29.800 089 601	29.778 083 644	29.766 100 624	29.806 131 655	29.862 147 602	29.896 158 545	29.814 144 7242
10	29.934 177 612	29.870 188 618	29.833 167 619	29.833 155 630	29.790 114 663	29.773 101 628	29.820 083 650	29.802 083 675	29.791 101 664	29.834 132 694	29.893 152 653	29.927 163 641	29.842 148 7807
13	29.877 175 703	29.828 185 642	29.797 162 652	29.798 152 657	29.754 113 677	29.745 097 645	29.791 081 668	29.769 084 693	29.757 099 688	29.786 129 719	29.838 149 678	29.869 162 677	29.801 143 8099
16	29.845 171 694	29.784 179 637	29.746 158 640	29.746 148 652	29.711 109 662	29.702 096 616	29.747 081 638	29.723 082 669	29.711 098 663	29.748 129 701	29.805 148 676	29.839 157 672	29.760 142 7920
19	29.874 169 550	29.810 174 516	29.758 155 518	29.752 141 535	29.718 109 547	29.708 094 522	29.758 081 559	29.734 083 584	29.726 097 573	29.771 129 619	29.837 142 567	29.874 145 474	29.776 141 6564
22	29.889 176 411	29.838 180 386	29.795 150 370	29.782 147 400	29.750 104 404	29.743 099 390	29.790 083 440	29.768 085 449	29.760 099 421	29.801 135 451	29.857 144 419	29.889 145 339	29.804 140 4880
ALL HOURS	29.863 176 4425	29.826 184 4391	29.784 161 4031	29.784 152 4217	29.747 113 4491	29.735 101 4246	29.782 086 4467	29.759 087 4632	29.749 102 4542	29.788 133 4791	29.846 149 4361	29.881 158 4042	29.796 145 52336

DATA PROCESSING BRANCH,
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

42-46,51-61,63,66-76

MOODY AFB GEORGIA/VALDOSTA

13857

STATION NAME

YEARS

HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	1020.3 5.918 433	1019.4 6.182 399	1017.7 5.262 372	1017.2 5.065 450	1016.0 3.435 465	1015.4 3.188 429	1016.8 2.742 463	1016.0 2.920 465	1016.0 3.509 466	1017.2 4.450 496	1019.7 4.692 476	1020.6 5.429 434	1017.6 4.829 5348
04	1020.2 5.960 466	1018.8 6.134 444	1016.8 5.231 422	1016.7 5.087 483	1015.7 3.571 609	1014.9 3.322 589	1016.4 2.815 627	1015.5 2.931 628	1015.5 3.523 629	1016.7 4.269 648	1019.4 4.720 476	1020.5 5.526 451	1017.0 4.767 6472
07	1021.0 5.902 638	1019.6 6.392 591	1018.2 5.539 582	1018.2 5.063 619	1017.0 3.648 651	1016.1 3.311 619	1017.6 2.826 656	1016.9 2.928 668	1016.6 3.564 666	1018.0 4.452 704	1020.3 4.849 654	1021.2 5.523 578	1018.4 4.892 7626
10	1022.5 5.933 670	1020.7 6.502 614	1019.3 5.637 613	1019.0 5.248 657	1017.5 3.750 688	1016.7 3.289 658	1016.3 2.817 699	1017.7 2.905 696	1017.5 3.539 699	1018.9 4.528 738	1021.3 5.024 702	1022.2 5.674 655	1019.3 5.043 8089
13	1020.4 5.895 696	1019.1 6.349 636	1018.0 5.446 641	1017.8 5.108 680	1016.2 3.717 696	1015.7 3.252 674	1017.3 2.786 719	1016.5 2.895 708	1016.2 3.471 724	1017.2 4.423 760	1019.4 4.959 727	1020.2 5.523 688	1017.8 4.856 8349
16	1019.4 5.750 700	1017.7 6.117 650	1016.2 5.336 653	1016.1 4.926 673	1014.8 3.575 681	1014.2 3.212 651	1015.8 2.753 695	1015.0 2.840 687	1014.7 3.461 704	1015.9 4.352 744	1018.2 4.941 726	1019.3 5.445 703	1016.5 4.847 8276
19	1020.4 5.667 609	1018.6 5.853 566	1016.7 5.248 568	1016.3 4.833 603	1015.1 3.476 610	1014.6 3.123 588	1016.2 2.798 632	1015.4 2.799 635	1015.3 3.467 636	1016.8 4.395 679	1019.3 4.768 633	1020.4 5.200 552	1017.0 4.815 7311
22	1020.9 5.853 495	1019.6 5.997 459	1018.0 5.082 446	1017.4 4.917 504	1016.3 3.452 506	1015.8 3.138 488	1017.2 2.797 549	1016.5 2.898 546	1016.4 3.465 530	1017.7 4.538 555	1020.0 4.745 522	1020.9 5.282 458	1018.0 4.757 6058
ALL HOURS	1020.7 5.915 4716	1019.2 6.262 4359	1017.6 5.453 4297	1017.4 5.124 4669	1016.1 3.696 4906	1015.4 3.330 4696	1017.0 2.902 5040	1016.2 3.009 5033	1016.0 3.599 5054	1017.3 4.508 5324	1019.7 4.935 4916	1020.6 5.521 4519	1017.7 4.933 57529